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Flora of New Bedford

AND THE

Shores of Buzzards Bay

WITH A

Procession of the Flowers

REVISED EDITION

BY

E. W. HERVEY

NEW BEDFORD

E. ANTHONY & SONS INCORP., PRINTERS

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PREFACE

My Catalogue of "Plants found in New Bedford and its vicinity," published in the year 1860, was revised in 1891 under the title of "Flora of New Bedford and the Shores of Buzzards Bay." The present revision is made for the purpose of bringing the list of plants up to date and of conforming the nomenclature to that used in Gray's New Manual, 7th edition, which is in accord with the Vienna Rules, adopted in 1905. The arrangement of a "Procession of the Flowers" is followed as in the previous editions, and those plants of the Procession growing spontaneously are also re-arranged under their appropriate genera in a separate list, reference being made to both lists in the index. The flowers of the same locality bloom from year to year with surprising regularity as to time, excepting occasional variations of about a week or ten days in the spring plants, so that a person desiring to search for a particular plant learns the exact time it is in bloom and does not make a fruitless search by going too early or too late.

In preparing a Flora of a populous district it is somewhat difficult to determine what plants are entitled to be recorded as growing spontaneously, and what are not, owing to garden escapes which are mostly transient or mere waifs. The few plants of this class mentioned are noted as being "escapes." There are here, in fact, two distinct floras, one being the natural flora of the country, and the other the flora of the city. In a city like New Bedford with ample grounds around many of the dwellings in which a variety of foreign ornamental trees and shrubs are cultivated, the flora is quite different from that of the country and it would seem to be inexcusable not to notice it. I have, therefore, noted in the Procession of the Flowers, the more conspicuous of these cultivated plants, the same being printed in italics.

The time given in the Procession of the Flowers is the time at which they commence to bloom, which was ascertained by several years' observation. I have endeavored not to place the date too early but at such time as a collector might reasonably expect to find the flowers, hence some of the species might be found in the section preceding the one designated, especially those of the early spring.

The latitude of New Bedford is 41 degrees, 38 minutes, north latitude; average mean temperature for 78 years 48.39 degrees Fahrenheit, (extreme range in eight years from 10½ degrees below to 91 degrees above zero); and average rainfall for 77 years 46⅗ inches as shown by the records of Capt. Thos. R. Rodman.

There are no very high elevations of land in this district, the highest being near Faunce's Corner, which is two hundred feet above the sea level. I am indebted to the late Robert C. Ingraham for the valuable list of Musci and Hepaticæ, page 116. Mr. Henry P. Burt kindly contributed the list of Fungi, pages 120-122.

The whole number of plants enumerated as growing spontaneously, including Hepaticæ, Musci and Fungi, and excluding the cultivated exotics, is 1,524. Henry Willey's "List of North American Lichens," published in 1873, contains 350 species and varieties growing in this district, which, if added to the foregoing, makes a total of 1,874 plants whose names have been determined, 98 per cent. of which, omitting the Fall River mosses, pages 119-120, were found within a radius of eight or ten miles from New Bedford City Library building. In the determination of many difficult species I have received invaluable assistance from Dr. Benjamin L. Robinson and Prof. Merritt L. Fernald, which I gratefully acknowledge. I also recall to mind valuable aid from the late Thomas A. Greene.

ELIPHALET WILLIAMS HERVEY.

New Bedford, May 1, 1911.

PROCESSION OF THE FLOWERS

Abbreviations: Adv. f. Eu.—adventive from Europe.
Nat.—naturalized. b. t.—blooms till. Introd.—introduced.

Plants Blooming from March 15th to April 1st

Araceæ.

*Symplocarpus fœtidus, (L.) Nutt. Skunk Cabbage.
Boggy ground, March 1 to May.

Caryophyllaceæ.

†Stellaria media, (L.) Cyrill. Chickweed.
Common till November. Nat. f. Eu.

Compositæ.

†Senecio vulgaris, L. Groundsel.
Weed in gardens, etc. Nat. f. Eu.

Ericaceæ.

Epigæa repens, L. Mayflower.
Russells Mills, Marion, Wareham, etc.

Cruciferæ.

Draba verna, L. Whitlow Grass.
Weed in gardens, infrequent, blooms six weeks. Nat. f. Eu.

---

*S. fœtidus is probably the earliest-blooming plant in this region, although Epigæa follows very closely. It has been found in flower as early as Feb. 24th. This leader of the Procession of Flowers very appropriately has a somewhat martial-like appearance, with its thick helmet or spathe to protect its head of flowers from the snows and cold northerly winds. It has a rank, disagreeable odor, but not the loathsome smell of *smilax herbacea.*

†These plants can be found occasionally in flower in sheltered spots, during mild weather in the Winter months, and they bloom throughout the year. Also the following have been found in mild Winters in the months of January and February, viz.: *Capsella Bursa-pastoris, Draba verna, Spergula arvensis, Cerastium vulgatum, Taraxacum officinale, Poa annua,* and *Vinca minor.*

March 15th to April 1st

Apocynaceæ.

Vinca minor, L. Periwinkle.
Roadsides, N. Dartmouth. Introd.

Iridaceæ.

‡*Crocus vernus,* Crocus. Gardens and lawns.

Ranunculaceæ.

Helleborus niger, Christmas Flower. Gardens.

April 1st to 15th

Violaceæ.

Viola rotundifolia, Michx. Round-leaved Violet.
Woods, rare. Yellow fl.
Found sparingly in the woods north of Allen st. and east of Slocum road; b. till May.
odorata, L. English Violet.
Spontaneous in lawns.

Betulaceæ.

Alnus rugosa, (Spreng). Smooth Alder.
Bordering streams, swamps; very common.
incana, (L.) Moench. Speckled Alder.
Bor. streams; less common.
Corylus americana, Walt. Wild Hazel-nut.
Open woods, copses; freq't.
rostrata, Ait. Beaked Hazel-nut.
Open woods, copses; freq't.

Ranunculaceæ.

*Sanguinaria canadensis, L. Blood-root.
Fall River and Dighton.

---

‡The Crocus is apparently spontaneous in some old lawns, where it blooms among the grass; or at least it persists for many years.

*S. N. F. Sanford.

April 1st to 15th

Salicaceæ.

Salix discolor, Muhl. — Glaucous Willow.
By brooks and wet grounds.

Populus tremuloides, Michx. — American Aspen.
Woods; frequent.

grandidentata, Michx. — Large-toothed Aspen.
Woods; frequent.

alba, L. — White Poplar.
Roadsides. Introd. f. Eu.

nigra, var. italica, L. Lombardy Poplar. Lawns and streets.

Pinaceæ.

Juniperus virginiana, L. — Red Cedar.
Dry, rocky hills; common.

communis, var. depressa Pursh. — Common Juniper.
Several places in Dartmouth.

communis, var. Hibernica, Irish Juniper. Lawns and cemeteries.

Chamæcyparis thyoides, (L.), B. S. P. — White Cedar.
Swamps; common.

Thuja occidentalis, L. — Arbor Vitæ.
Lawns, also escaped.

Thuja Warreana,	Arbor Vitæ.	Lawns.
Siberica,	" "	"
Hoveyii,	" "	"
pyramidalis,	" "	"
Taxus baccata, var. Hibernica,	Irish Yew.	"
Retinospora obtusa,	Japan Cypress.	"
do. *var. nana,*	" "	"
plumosa aurea.	" "	"
Taxodium distichum,	Am. Bald Cypress.	"

Labiatæ.

Lamium amplexicaule, L. — Henbit.
Waste grounds. Nat. f. Eu.

Compositæ.

Tussilago Farfara, L. — Coltsfoot.
Wet places; rare. Nat. f. Eu.

Equisetaceæ.

Equisetum arvense, L. — Horsetail.
Moist, gravelly soil; common.

sylvaticum, L. — "
Wet, shady places; common.

April 1st to 15th

Urticaceæ.

Ulmus americana, L.		American Elm.
Wet woods; common.		
fulva, Mich.	Slippery Elm.	Lawns.
racemosa, Thomas.	Cork "	"
campestris, L.	English "	"
do. var. *Camperdowna*,	Weeping "	"

Aceraceæ.

Acer rubrum, L.		Red Maple.
Wet woods; common.		
saccharinum, L.	White Maple.	Streets and lawns.
var. cut-leaf weeping,	" "	Lawns.
Negundo, L.	Box Elder.	Lawns and streets.

Cornaceæ.

Cornus mascula,	Cornelian Cherry tree.	Lawns.

Thymelææ.

Daphne Mezereum, L.	Daphne.	Gardens.

April 15th to May 1st

Salicaceæ.

Populus candicans, Ait. — Balm of Gilead.
Streets and lawns and spontaneous; Introd.

Saxifragaceæ.

Chrysosplenium americanum, Schwein. — Golden Saxifrage.
Cold, wet woods; frequent.

Cruciferæ.

†Capsella Bursa pastoris, (L.) Medic. — Shepherd's Purse.
A common weed; b. till November. Nat. f. Eu.

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*A few seedlings from this tree have been noticed about the city.

†See note, page 5.

April 15th to May 1st

Cyperaceæ.

Carex pennsylvanica, Lam. — Sedge.
Dry fields: common.
do. var. lucorum, Fernald. — "
varia, Muhl. Dry woods; common. — "

Gramineæ.

Poa annua, L. — Low Spear Grass.
Common; b. till November. Nat. f. Eu.

Lauraceæ.

†Benzoin æstivale, (L.) Nees. — Spice Bush.
Marshy woods: frequent.

Compositæ.

Antennaria neglecta, Greene. — Ladies' Tobacco.
Fields and open woods; common.
plantaginifolia, (L.) Richards. — Plantain-leaved Everlasting.
Sterile fields; common.
Taraxacum officinale, Weber. — Dandelion.
Very common; b. sparingly till October.
var. palustre, (Sm.) Blyth. — "
erythrospermum, Andrz. — Red-seeded Dandelion.
Nat. f. Eu.

Rosaceæ.

Potentilla canadensis L. var. simplex, (Michx.) T. & G. — Cinquefoil.
Very common.

Ericaceæ.

Arctostaphylos Uva-ursi, (L.) Spreng. — Bearberry.
Tremont, Onset, &c., May 1.
Chiogenes hispidula, (L.) T. & G. — Creeping Snowberry.
Bogs near Howland's Spring, &c.
Chamædaphne calyculata, (L.) Moench. — Leather Leaf.
Borders of bogs; b. 1 mo.; common.

---

†The small greenish-yellow flowers are easily recognized at a distance of several yards. The shrub may also be identified by the peculiar white-dotted and granulated surface of its trunk and branches. Some flower buds gathered Feb. 24th, which were then somewhat swollen, on being put in a vase of water bloomed March 24th.

April 15th to May 1st

Myricaceæ.

Myrica asplenifolia, L. — Sweet Fern.
Sterile pastures; common.

Gale, L. — Sweet Gale.
Borders of marshes; common.

Callitrichaceæ.

Callitriche heterophylla, Pursh. — Water Starwort.
Muddy pools; b. till September.

palustris, L. — " "
" " " "

Ramunculaceæ.

Anemone quinquefolia, L. — Wood Anemone.
Border of woods; b. 1 mo.

Caltha palustris, L. — Marsh Marigold.
Brooks and marshes; b. 1 mo.

Violaceæ.

Viola blanda, Willd. — Sweet White Violet.
Wet places; common.

pallens, (Banks), Brainerd. — " "
Wet places; common.

Saxifragaceæ

Saxifraga virginiensis, Michx. — Early Saxifrage.
Thin soil on ledges; common.

‡forma flore pleno. — " "

Magnoliaeæ.

Cercidiphyllum japonicum. — Large Tree.
J. F. Smith's (Mandell's) lawn, Hawthorn street.

Oleaceæ.

Forsythia suspensa,	Weeping Forsythia.	Gardens.
Fortunii,	Fortune's "	"
viridissima,	Greenest "	"

Thymelæaceæ.

Dirca palustris,	Moosewood.	"

Euphorbiaceæ.

Buxus sempervirens,	Box Tree.	"

‡Dr. E. L. Sturtevant.

April 15th to May 1st

Elæagnaceæ.

Shepherdia argentea, Buffalo Berry. Gardens.

Compositæ.

Bellis perennis, English Daisy. Gardens and lawns.

May 1st to 10th

Labiatæ.

Nepeta hederacea, (L.) Trevisan. Ground Ivy.
Near dwellings and waste places. Nat. f. Eu.

Violaceæ.

*Viola primulifolia, L. Primrose-leaved Violet
Damp or dry soil; b. 1 mo.
*fimbriatula, Sm. Arrow-leaved Violet.
Dry soil; b. 1 mo.
*lanceolata, L. Lance-leaved "
Damp or wet soil; b. 1 mo.
*cucullata, Ait. Common blue "
Common, low grounds; b. 1 mo.
pedata, var. lineariloba, D. C. Bird-foot "
Sandy soil.
conspersa Reichenb. Dog "
Low Grounds; b. 1 mo.
tricolor, L. Pansy.
Gardens and escaped.
papilionacea, Pursh. Violet.
Moist meadows.
sororia, Willd. "
Moist meadows.
pubescens, Ait. Downy yellow Violet.
Fall River and Tiverton.

NOTE.—The trees usually commence to put forth their leaves about as follows: May 1st, some cultivated willows, the horse chestnut, and larch; May 6th, sugar maple, sycamore maple and Norway maple; May 12th, red maple, black oaks, poplars, birches, beech, willows, elm, iron-wood, (Carpinus), and wild black cherry (P. serotina); May 18th, buttonwood, ash, tupelo, hickory, white oaks and bald cypress (Taxodium); May 25th, Catalpa, Kentucky coffee-tree, honey-locust and sassafras.

*Cleistogamous flowers are produced still later.

May 1st to 10th

Rosaceæ.

Fragaria virginiana, Duchesne. — Strawberry.
Fields, &c.; common.
var. Illinoensis, (Prince), Gray. — "
Fields, &c.; frequent.
Amelanchier oblongifolia, Roem, (T. & G.) — Shad-bush.
Low, moist grounds; common.

Boraginaceæ.

Lithospermum arvense, L. — Corn Gromwell.
A weed. Nat. f. Eu.

Portulacaceæ.

Claytonia virginica, L. — Spring Beauty.
Gardens; escaped.

Rosaceæ.

Prunus avium, L. — Sweet Cherry.
Roadsides and woods. Introd.
Cerasus, L. — Sour Cherry.
Roadsides. Introd.
*domestica, . — Cultivated Plum.
Cerasus avium, alba plena, Double Flower'g Cherry. — Gardens & lawns.
Prunus Pissardii, Crimson-leaf Prune. — " "
Cydonia (Pyrus) Japonica, Japan Quince. — " "

Ranunculaceæ.

Coptis trifolia, (L.) Salisb. — Goldthread.
Boggy woods; b. 1 mo. Common.
**Anemonella thalictroides, (L.) Spach. — Rue-Anemone.
Borders of woods; rare.
||Thalictrum dioicum, L. — Early Meadow Rue.
Woods, Touisett; rare.

---

*On the Cove road, east of Bliss Corner, there were about twenty small plum trees beautiful in flower, which probably originated by suckers from cultivated trees.

**Fall River by Dr. B. J. Handy.

||S. N. F. Sanford.

May 1st to 10th

Liliaceæ.

†Erythronium americanum, Ker. — Dog's-tooth Violet.
Rare.

Scrophulariaceæ.

Veronica serpyllifolia, L. — Thyme-leaved Speedwell.
Fields and lawns.

peregrina, L. — Purslane Speedwell.
Garden weed.

arvensis, L. — Corn Speedwell.
Cultivated grounds. Nat. f. Eu.

Ericaceæ.

Vaccinium pennslyvanicum, Lam. — Dwarf Blueberry.
Dry hills and pastures; com.

Andromeda floribunda, Pursh. — Andromeda. — Gardens.

Saxifragaceæ.

Ribes vulgare, Lam. — Red Currant.
Escaped from gardens.

triste, Pall. — Swamp Red Currant.
Cold, wet woods.

oxyacanthoides, L. — Common Gooseberry.
Roadsides, pastures, &c.

floridum, L'Her. — Wild Black Currant. — Gardens.

aureum, Pursh. — Missouri Currant. — Gardens, rarely escaped.

Plantaginaceæ.

Plantago lanceolata, L. — Ripplegrass.
Very common. Nat. f. Eu.

Araliaceæ.

Panax trifolium, L. — Dwarf Ginseng.
Rich, moist woods; common.

---

†This plant was once abundant in a grove near the Wamsutta mills, where there are now streets and dwellings.

May 1st to 10th

Compositæ.

Antennaria Parlinii, Fernald.	Ladies' Tobacco.
Rich soil.	
" canadensis, Greene.	" "
Dry soil.	
" fallax, Greene.	" "
Open woods and fields.	
" neodioica, Greene.	" "
Open woods and fields.	

Cyperaceæ.

‡Carices (Sedges.)

Carex folliculata, L.	Wet meadows and bogs.
intumescens, Rudge and Stokes.	Swamps, &c.
rostrata var. utriculata, Bailey.	" "
lupulina var. pedunculata, Dewey.	" "
bullata, Schkuhr.	Swales, &c.
lurida, Wahlenb.	Swamps and wet woods.
hystericina, Muhl.	Swales, &c.
comosa, Boot.	Swamps.
vestita, Willd.	Sandy soil.
filiformis, L.	Bogs, &c.
lanuginosa, Michx.	Wet meadows.
Goodenowii, J. Gay.	Low meadows.
stricta, Lam.	Swales, &c.
crinita, Lam.	" "
virescens, Muhl.	Dry soil and copses.
*arctata, Boot.	Woods and copses.
debilis var. Rudgeii, Bailey.	Woods and meadows.
gracillima, Schwein.	Meadows.
Oederi Retz. var. pumila, (Cos. & Ger.) Fer.	Bogs, &c.

‡The Carices are found for the most part in marshes, bogs, swales and low grounds, and flower during the month of May and the early part of June, but mature specimens needed to identify the species can be found all through the season till October.

*In herb. Dr. E. L. Sturtevant.

May 1st to 10th

Cyperaceæ.

Carex pallescens, L.	Meadows.
conoidea, Schkuhr.	Moist soil.
laxiflora, Lam.	Woods and meadows.
" var. blanda, Boot.	" " "
" var. varians, Bailey.	" " "
*tetanica, Schkuhr.	Meadows and bogs.
aurea, Nutt.	Wet meadows.
communis, Bailey.	Open woods.
leptalea, Wahl.	Bogs and wet meadows.
stipata, Muhl.	Swales.
vulpinoidea, Michx.	Low ground.
rosea, Schkuhr.	Dry woods.
Muhlenbergii, Schkuhr.	Sterile soil.
*cephalophora, Muhl.	Dry woods.
stellulata, var. cephalantha, (Bailey) Fer.	Low ground.
canescens, L.	Wet ground.
var. disjuncta, Fernald.	" "
brunnescens, Poir.	Dry soil and woods.
trisperma, Dewey.	Moist woods and bogs.
tribuloides, Wahlenb.	Swales and woods.
*silicea, Olney.	Sandy ground.
Scoparia, Schkuhr.	Moist or dry soil.
straminea, Willd.	Meadows and open woods.
albolutescens, Schwein.	Damp or dry soil.
Eleocharis tenuis, (Willd) Schultes.	Spike Rush.
Bogs, marshes, &c.	
palustris, (L.) R. & S.	" "
" "	

Polemoniaceæ.

Phlox subulata, L.	Ground Pink.
Gardens and escaped.	

*In herb. Dr. E. L. Sturtevant.

May 1st to 10th

Juncaceæ.

Luzula campestris, (L.) D. C. — Wood Rush.
Common in dry soil.
var. multiflora, (Ehrh.) Celak.
Common in dry soil.

Gramineæ.

Anthoxanthum odoratum, L. — Sweet Vernal Grass.
Meadows, &c.; common.

Salicaceæ.

Salix alba, (L) — White Willow.
A large tree common about dwellings. Introd.
var. vitellina, (L.)
A large tree; common about dwellings. Introd.
cordata, Muhl. — Heart-shaped Willow.
Wet places; common.
rostrata, Richards. — Beaked "
Moist or dry ground.
humilis, Marsh. — Prairie "
Dry pastures, &c.; common.
tristris, Ait. — Dwarf gray "
Dry pastures, &c.; common.
sericea, Marsh. — Silky "
Wet places; common.
*petiolaris, Sm. — Petioled "
Damp soil.
nigra, Marsh. — Black "
Wet ground.
Babylonica, L. — Weeping "
Planted for ornament.
purpurea, L. — Purple Willow. — Lawns.
pentandra, L. — Bay-leaved Willow. — Lawns; for ornament.

Cruciferæ.

Lunaria rediviva, L. — Honesty.
Escaped about gardens.

---

*Dr. E. L. Sturtevant.

May 1st to 10th

Rubiaceæ.

Houstonia cærulia, L. — Bluets. Innocence.
Old fields; frequent.

Betulaceæ.

Betula lenta, L. — Cherry Birch.
Woods; common.

lutea, Michx. — Yellow "
Woods; common.

populifolia, Marsh. — White or gray "
Dry woods; common.

Betula alba, var. papayrifera, Canoe Birch. (Marsh.) Spach. — Lawns.

sibirica, Siberian " — "

nigra, River " — "

Ostrya virginiana, (Mill) K. K. — Hop-Hornbeam.
Moist woods; common.

Carpinus caroliniana, Walt. — Iron-wood.
Along streams; common.

Carpinus betulus, — St. Luke's Hospital.

Aceraceæ.

Acer campestre,	English Maple.	Lawns, May 10th.
†*pseudo-platanus,*	Sycamore "	Streets & lawns, "
†*platanoides,*	Norway "	" " "
Japonicum,	Japanese "	Lawns, "
polymorphum,	" "	Lawns.
‡*saccharum,* Marsh.	Sugar Maple.	Lawns and streets.

Magnoliaceæ.

Magnolia conspicua,	White Magnolia.	Lawns.
purpurea,	Purple Magnolia.	"
Soulangeana,	Soulanges Magnolia.	"
stellata,		"
speciosa,		"

---

†A few self sown seedlings have been noticed.

‡S. N. F. Sanford reports a single native sugar maple growing in Fall River.

May 1st to 10th

Berberidaceæ.

Mahonia aquifolium,	Holly-leaved Mahonia	Gardens.

Pinaceæ.

Picea canadensis, (Mill.) B. S. P.	White Spruce.	Lawns.
Abies, (L.) Karst.	Norway "	"
pungens,	Colorado blue Spruce.	"
Abies balsamea, (L.) Mill.	Balsam Fir.	"
Nordmanniana,	Nordmann's Fir.	"
Douglasii,	Douglas's "	"
Larix laricina, (Du Roi), Koch.	Am. Larch.	"

Rutaceæ.

Zanthoxylum americanum, Mill.	Prickly Ash.	"

Hamamelidaceæ.

Liquidambar styraciflua, L.	Sweet Gum Tree.	T. M. Stetson's lawn.

May 10th to 20th

Ramunculaceæ.

Aquilegia canadensis, L. — Wild Columbine.
About rocks and ledges.

vulgaris, L. — Garden "
Rarely escaped from gardens.

Ranunculus abortivus, L. — Small-flowered Crowfoot.
Woods along brooks; frequent.

recurvatus, Poir. — Hooked "
Wet woods; frequent.

bulbosus, L. — Bulbous Buttercup.
Fields; common.

acris, L. — Tall "
Fields, common; b. t. Sept. Nat. f. Eu.

septentrionalis, Poir. — Swamp "
Low, wet grounds; b. t. Oct. Nat. f. Eu.

May 10th to 20th

Scrophulariaceæ.

Castilleja coccinea, (L.) Spreng. Scarlet Painted-cup.
Fairhaven, s. of R. R.; scarce.

Pedicularis canadensis, L. Wood Betony.
Pastures and fields; common.

Liliaceæ.

Oakesia sessilifolia, (L.) Wats. Oakesia.
Damp woods; common.

Gramineæ.

Hierochloe odorata, (L.) Wahlenb. Vanilla Grass.
Marshes, near shore.

Bromus tectorum, L. Brome "
Weed about the streets. Nat. f. Eu.

Alopecurus geniculatus, L. Floating Foxtail "
Wet meadows; frequent.

Saxifragaceæ.

Saxifraga pennsylvanica, L. Swamp Saxifrage.
Dighton and Swansea.

Caryophyllaceæ.

Spergularia rubra, (L.) J. & C. Presl. Sand Spurrey.
Dry, sandy soil; till October.

marina, (L.) Griseb. Seaside "
Wet, sandy soil, near seashore; till October.

†Cerastium vulgatum, L. Mouse-ear Chickweed.
Fields, common. Nat. f. Eu.

arvense, L. Field "

Sagina procumbeus, L. Pearlwort.
Springy or moist places.

Spergula arvensis, L. Corn Spurrey.
Cultivated fields. Nat. f. Eu.

Papaveraceæ.

Chelidonium majus, L. Celandine.
Near dwellings. Nat. f. Eu.

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†See note, page 5.

May 10th to 20th

Malvaceæ.

Malva rotundifolia, L. — Common Mallow.
Near buildings till November. Nat. f. Eu.

Cruciferæ.

Cardamine pennsylvanica, Muhl. — Bitter Cress.
Brooks and marshy places.
parviflora, L. — " "
Dry soil.
Arabis glabra, (L.) Bernh. — Tower Mustard.
Palmer's Island; rare.
Raphanus Raphanistrum, L. — Wild Radish.
Weed in fields, etc. Nat. f. Eu.
sativus, L. — Garden "
Occasionally in neglected grounds.
Radicula Armoracia, (L.) Robinson. — Horseradish.
Escaped from cultivation.
Brassica Rapa, L. — Common Turnip.
Neglected grounds.
juncea, (L.) Cosson.
Neglected grounds and waste places.
alba, (L.) Boiss. — White Mustard.
Neglected grounds and waste places.
nigra, (L.) Koch. — Black "
Neglected grounds and waste places.
oleracea, L. — Cabbage.
Neglected grounds and waste places.
arvensis, (L.) Ktze. — Charlock.
Neglected grounds and waste places.
campestris, L. — Rutabaga.
Neglected grounds and waste places.
Barbarea vulgaris, R. Br. — Yellow Rocket.
Low grounds, roadsides, etc.
Lobularia maritima, (L.) Desv. — Sweet Alyssum.
Gardens, and occasionally escaped.
Alyssum alyssoides, L. — Field "
Lawn at Nonquitt. Adv. f. Eu.

May 10th to 20th

Ericaceæ.

Rhododendron canadense, (L.) B. S. P. — Rhodora.
Swampy ground, infrequent.

Rosaceæ.

Pyrus Malus, L. — Apple
Often by roadsides, etc.

Pyrus communis, L. — Pear.
Often by roadsides, etc.

Rubus triflorus, Richards. — Dwarf Rubus.
Wet woods; common.

Prunus pennsylvanica, L. f. — Wild Red Cherry.
Woodlands; common.

maritima, Wang. — Beach Plum.
Near seashore; common.

Persica, (L.) Stokes. — Peach.
Often by roadsides, etc.

Amygdalus, (Syn. *Prunus.*)

Sinensis rosea,	Flowering Almond.	Gardens.
Spiraea Thunbergii,	Thunberg's Spiraea.	"
prunifolia fl. pl.	Bridal Wreath.	"
Kerria Japonica,	Corchorus.	Gardens, b. till Nov.
Pyrus baccata Parkmanii,	Japanese Crab.	Lawns.

Rhamnaceæ.

Rhamnus alnifolia, L'Her. — Swamp Buckthorn.
Swamps; infrequent.

Illecebraceæ.

Scleranthus annuus, L. — Knawel.
A weed in gravelly places. Nat. f. Eu.

Euphorbiaceæ.

Euphorbia Cyparissias, L. — Garden Spurge.
Common; escaped from gardens to roadsides, etc.

May 10th to 20th

Oleaceæ.

*Fraxinus americana, L. — White Ash.
Rich, moist woods; common.
pennsylvanica, Marsh. — Red Ash.
Low ground; common.

Araceæ.

Arisæma triphyllum, (L.) Schott. — Indian Turnip.
Wet woods; common.

Lauraceæ.

Sassafras, variifolium, (Salisb.) Ktze. — Sassafras.
Rich woods; common.

Amentaceæ.

Salisburia Adiantifolia, (Syn. *Giukgo biloba.*) Maiden-hair Tree. Lawns.

Leguminosæ.

Caragana arborescens, A shrub. "

Thmelæaceæ.

Daphne Cneorum, Daphne. Gardens.

Anacardiaceæ.

Rhus canadensis, Marsh. Lawns.

May 20th to June 1st

Ericaceæ.

†Gaylussacia baccata, (Wang.) C. Koch. — Black Huckleberry.
Common in dry soil.
Forma leucocarpa, (Porter), Fernald. — White "
Occasional.

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*G. B. Emerson, in his "Trees and Shrubs of Mass.," states that "an ash-leaf rubbed upon the swellings caused by mosquitoes removes the itching and soreness immediately."

†The white variety of this species is occasionally brought from the neighboring towns for sale, but in small quantities. A small tract of land in Berkley has borne an annual crop of perhaps a quart of white huckleberries for many years. A few bushes bearing the ordinary black huckleberry are interspersed with the white variety. The white variety has also been found in East Fairhaven.

May 20th to June 1st

Ericaceæ.

Vaccinium vacillans, Kalm. — Low Blueberry.
Common in dry soil.

corymbosum, L. — Swamp "
Swamps and low grounds; common.

atrococcum, (Gray), Hiller. — Black High Blueberry.
Swamps and low gardens; common.

*Leucothoë racemosa, (L.) Gray. — Fetter Bush.
Wet or moist thickets.

Rhododendron nudiflorum, (L.) Torr. — Purple Azalea.
Woods, Dartmouth; rare.

calendulaceum,	Flame-colored Azalea.	Gardens & lawns.
mollis,		" "
Ghent,		" "
arborescens,	Smooth Azalea.	" "
maximum,	Rhododendron.	" "
Catawbiense and hybrids.		" "
Azalea Amoena,	Chinese Azalea.	" "

Amaryllidaceæ.

Hypoxis hirsuta, (L.) Coville. — Star Grass.
Common; b. till September.

Rosaceæ.

Potentilla canadensis, L. — Cinquefoil; common.

Pyrus arbutifolia, (L.) L. f. — Reddish-fruited Chokeberry.
Common; low, moist ground.

melanocarpa, (Michx.) Willd. — Black-fruited "
Common; low, moist ground.

Americana,	Am. Mountain Ash.	Lawns.
aucuparia,	European Mountain Ash.	"
var. quercifolia,	Oak-leaved Ash.	"

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*The slender racemes of reddish purple flower buds of L. racemosa are formed, as are those of Cassandra, the previous season, and as early as November, after the leaves have fallen, they are readily recognized, together with the brown berry-shaped pods still containing some seeds, while often a few inches below may be seen the still drier, weather-beaten and empty gray capsules of the year before. Thus representatives of three seasons are visible on the same spray.

May 20th to June 1st

Rosaceæ.

Cratægus rotundifolia, Moench. White Thorn.
Pastures and thickets frequent.
conjuncta, Sarg. " " " " "
acutiloba, Sarg. " " " " "
matura, Sarg. " " " " "
glaucophylla, Sarg. " " " " "
†pruinosa, (Wendl) C. Koch. " "
Pastures and thickets frequent; Fall River.
†dilatata, Sarg. " " " " "
†intricata, Sarg. " " " " "
†ferentana, Sarg. " " " " "
———? " " " " "
Crus-galli, L. Cockspur "
Pastures and thickets; infrequent.
Oxyacantha, L. English Hawthorn.
Lawns, and also spontaneous.
Cydonia vulgaris. Quince.
Cultivated; rarely escaped.

Leguminosæ.

Lupinus perennis, L. Lupine.
Blue, also white; sandy fields.
Medicago lupulina, L. Black Medick.
Waste places, b. t. October. Adv. f. Eu.

Primulaceæ.

Trientalis Americana, (Pers.) Pursh. Star Flower.
Moist woods; common.

Geraniaceæ.

Geranium maculatum, L. Wild Cranesbill.
Open woods; common.
carolinianum, L. Carolina "
Not common.
pusillum, Burm, f.
Casual. Adv. from Eu.
Menyanthes trifoliata, L. Buckbean.
Black Pond west of Sisson's Grove.

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†Dr. B. J. Handy.

May 20th to June 1st

Compositæ.

Erigeron pulchellus, Michx. Robin's Plantain.
Fields. Common.

philadelphicus, L. Fleabane.
" "

Senecio aureus, L. Golden Ragwort.
Low, wet grounds. Common.

Krigia virginica, (L.) Willd. Dwarf Dandelion.
Ledges and dry soil.

Caryophyllaceæ.

Stellaria longifolia, Muhl. Stitchwort, Starwort.
Grassy places.

graminea, L. " "
Grassy places. Adv. f. Eu.

Silene antirrhina, L. Sleepy Catchfly.
Sandy soil.

Arenaria serpyllifolia, L. Thyme-leaved Sandwort.
Sandy soil. Nat. f. Eu.

lateriflora, L. Sandwort.
Sandy soil, near shore.

peploides, L. Seashore Sandwort.
Sands of the seashore.

Lychnis dioica, L. Red or White Campion.
Rather common garden escape.

‡Flos-cuculi, L. Ragged Robin.
Near Horse Neck. Adv.

Polygonaceæ.

Rumex acetosella, L. Field Sorrel.
Common weed in fields. Nat f. Eu.

Rheum Rhaponticum, Pie Rhubarb. Cultivated.

Orobanchaceæ.

Orobanche uniflora, L. One-flowered Cancer-root.
Damp woodlands; common.

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‡Mrs. C. A. Tuell.

May 20th to June 1st

Orchidaceæ.

Cypripendium acaule, Ait. — Lady's Slipper.
Dry woods; common.

Listera cordata, (L.) R. Br. — Twayblade.
Cold, damp woods.

*convallaroides, (Sm.) Torr. — "
Cold, damp woods.

Corallorhiza trifida, Chatelain. — Coral-root.
Cold, damp woods.

Arethusa bulbosa, L. — Arethusa.
Boggy places; common.

Pogonia verticillata, (Willd.) Nutt. — Pogonia.
Cold, damp woods.

Microstylis monophyllos, (L.) Lindl. — Adder's-mouth.
Cold, damp woods.

†Liparis liliifolia, (L.) Richard. — Twayblade.
Cold, damp woods; b. t. middle July.

Lœselii, (L.) Richard. — "
Bogs, and wet pastures; b. t. middle July.

Boraginaceæ.

Myostotis virginica, (L.) B. S. P. — Scorpion Grass.
Dry, sandy ground.

Ranunculaceæ.

*Actaea alba, (L.) Mill. — White Baneberry.
Woods near Smith Mills.

Cornaceæ.

Cornus florida, L. — Flowering Dogwood.
Rich woods; b. two weeks.

var. rnbra, Red flowering Dogwood. — Lawns.

Berberidaceæ.

Berberis vulgaris, L. — Barberry.
Pastures, etc. Nat. f. Eu.

Thunbergii, Japanese Barberry. — Gardens.

Podophyllum pellatum, L. Mandrake. — "

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*H. Willey. †T. A. Greene.

May 20th to June 1st

Fagaceæ.

Quercus rubra, L. — Red Oak.
Not common.

alba, L. — White "
Common.

bicolor, Willd. — Swamp White "
Swamps; common.

ilicifolia, Wang. — Scrub "
Sandy soil; common.

prinus, L. — Chestnut "
Rare.

prinoides, — Low chestnut "
Nonquitt, etc.; frequent.

stellata, Wang. — Post "
Cottage City.

coccinea, Muench. — Scarlet Oak.
Common.

velutina, Lam. — Yellow-barked "
Common.

robur, — English Oak. — Lawns.

palustris, Muench. — Pin Oak. — St. Luke's Hospital.

Fagus grandifolia, Ehrh. — American Beech.
Woods; common.

purpurea, — Purple-leaved Beech. — Lawns.

Platanaceæ.

Platanus occidentalis, L. — Buttonwood.
Mostly by roadsides.

orientalis, — Oriental Buttonwood. — Lawns.

Pinaceæ.

Pinus Strobus, L. — White Pine.
Common.

rigida, Mill. — Pitch "
Common.

sylvestris, L. — Scotch "
Escaped from cult. Adv.

Austriaca, — Austrian Pine. — Lawns.

resinosa, — Red Pine. — "

May 20th to June 1st

Pinaceæ.

Tsuga canadensis, (L.) Carr. — Hemlock.
Swampy or wet woods; common.

Juglandaceæ.

Juglans cinerea, L. — Butternut. — Lawns.
nigra, L. — Black Walnut. — "
Carya alba, (L.) K. Koch. — Mocker Nut.
Dry hills and uplands; frequent.
glabra, (Mill.) Spach. — Pig Nut.
Dry hills and uplands; common.
*ovata, Mill. K. Koch. — Shag-bark Hickory.
Rare in this vicinity.
†cordiformis, (Wang.) K. Koch. — Bitter Nut.
Fall River and Adamsville.

Aquifoliaceæ.

Nemopanthus mucronata, (L.) Trel. — Mountain Holly.
Wet woods; common.

Liliaceæ.

Maianthemum canadense, Desf. — False Solomon's Seal.
Moist woods; common.
Smilacina stellata, (L.) Desf. — " " "
Marsh Island, etc.; b. two weeks.
Polygonatum biflorum, (Walt.) Ell. — Smaller Solomon's Seal.
Woodlands; common.
Ornithogalum umbellatum, L. — Star-of-Bethlehem.
Escaped from gardens. Introd. f. Eu.
Convallaria majalis, L. — Lily of the Valley.
Rarely escaped; gardens.
Asparagus officinalis, L. — Garden Asparagus.
Waste places and seashore. Nat. f. Eu.
Trillium cernuum, L. — Nodding Trillium.
Damp woods, Dartmouth.
undulatum, Willd. — Painted "
Damp woods, North Dartmouth.

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*S. N. F. Sanford reports shagbark hickory as occasional in Fall River and abundant in Dighton.

†Dr. B. J. Handy.

May 20th to June 1st

Osmundaceæ.

Osmunda cinnamomea, L. — Cinnamon Fern.
Low, wet grounds; common.

Claytoniana, L. — Flowering Fern.
Low, wet grounds; common.

Myricaceæ.

Myrica carolinensis, Mill. — Bayberry.
Sandy soil; common.

Nymphæaceæ.

Nymphæa advena, Ait. — Cow Lily.
Ponds and ditches; common.

Cruciferæ.

Sisymbrium officinale, (L.) Scop. — Hedge Mustard.
Common weed; b. till November. Adv. f. Eu.

Lepidium virginicum, L. — Wild Peppergrass.
Common weed; b. till November.

ruderale, L. — " "
Less common. Nat. f. Eu.

*campestre, (L.) R. Br. — Field "
Fields; infrequent. Nat. f. Eu.

sativum, L. — Garden Cress.
Fields; infrequent. Nat. f. Eu.

Solanaceæ.

Lycium halimifolium, Mill. — Matrimony Vine.
About dwellings; b. t. October.

Fumariaceæ.

Corydalis sempervirens, (L.) Pers. — Pale Corydalis.
Rocky places; rather common.

Sapindaceæ.

Æsculus Hippocastanum, L. — Horse-chestnut. — Lawns.
glabra, Willd. — "
rubicunda, — "
octandra hybrida, — "
Xanthoceros sorbifolia, — "

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*Dr. E. L. Sturtevant.

May 20th to June 1st

Oleaceæ.

Syringa vulgaris, L.	Common Lilac.	Occasional by roadside.	Adv.
Persica,	Persian "		Lawns.
Chinensis,	Chinese "		"

Styracaceæ.

Halesia carolina,	Snowdrop Tree.	Lawns.

Caprifoliaceæ.

Lonicera Tartarica, L.	Tartarian Honeysuckle.	Gardens.
canadensis, Marsh.	Fly "	"
Xylosteum, L.	" "	"

Magnoliaceæ.

Magnolia tripetala, L.	Umbrella Tree.	Lawns.
acuminata, L.	Cucumber "	"

Calycanthaceæ.

Calycanthus floridus, L.	Carolina Allspice.	Gardens.

Leguminosæ.

Wisteria frutescens, (L.) Poir.	Common Wisteria.	"
Chinensis,	Chinese "	"
Cytisus Laburnum,	Laburnum.	"
*scoparius,		Scotch Broom.
	Escaped from cult. Nat. f. Eu.	
Cercis Canadensis,	Bed Bud.	Lawns.
Japonica.	Japanese Red Bud.	"

Rosaceæ.

Exochorda grandiflora,		Gardens.
Rhodotypus Kerrioides,		"

Lardizabaleæ.

Akebia quinata,	Japanese Climber.	"

Schrophulariaceæ.

Paulownia imperalis,	Paulownia.	T. M. Stetson's lawn.

Eleagnaceæ.

Eleagnus argentea, Pursh.	Silverberry.	Lawns.

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*On ledges, Brooklawn Park, also at Nonquitt.

June 1st to 10th

Equisetaceæ.

Equisetum fluviatile, L. Horsetail.
Rochester, shallow water.

Ranunculaceæ.

Ranunculus sceleratus, L. Cursed Crowfoot.
Ditches, etc.; frequent.

Leguminosæ.

Trifolium pratense, L. Red Clover.
Common; b. till November. Nat. f. Eu.
repens, L. White Clover.
Common; b. till November. Nat. f. Eu.
procumbens, L. Low hop-Clover.
Common; b. till November. Nat. f. Eu.
dubium, Sibth. " "
Nat. f. Eu.
hybridum, L. Alsike Clover.
Less common. Nat. f. Eu.
incarnatum, French Clover. Gardens.
Lathyrus maritimus, (L.) Bigel. Beach Pea.
Sea beaches; common; b. till September.

Rosaceæ.

Rubus allegheniensis, Porter. High Blackberry.
Thickets, pastures, roadsides, etc.; common.
pergratus, Blanchard. " "
Thickets, pastures, roadsides, etc.; common.
recurvans, Blanchard. " "
Thickets, pastures, roadsides, etc.; common.
Andrewsianus, Blanchard. " "
Thickets, pastures, roadsides, etc.; common.
floricomus, Blanchard. " "
Thickets, pastures, roadsides, etc.; common.
Randii, (Bailey) Rydb. " "
Thickets, pastures, roadsides, etc.; common.
villosus, Ait. Dewberry.
Pastures, roadsides, etc.; common.
var. humifusus, T. & G. Low Dewberry.
Pastures, roadsides, etc.; common.

June 1st to 10th.

Rosaceæ.

Rubus frondosus, Bigel. Blackberry.

Thickets, pastures, roadsides, etc.; common.

idaeus, L., var. aculeatissimus, (C. M. Mey) Reg. Til. Red Raspberry.

Not common.

occidentalis, L. Black Raspberry.

Common.

Potentilla Anserina, L. Silver-Weed.

River banks, &c., Dartmouth and Wareham.

Rubiaceæ.

Galium Aparine, L. Goose-Grass.

Wet, shaded places; common.

Compositæ.

Hypochaeris radicata, L. Cat's Ear.

Brooklawn Park, etc. Adv. f. Eu.

Chrysanthemum Leucanthemum, L., var. pinnatifidum, Lecoq & Lam. White-weed.

Fields; common. Nat. f. Eu.

Parthenium, (L.) Bernh. Feverfew.

Rarely escaped from gardens.

Cirsium spinosissium, Walt Scop. Yellow Thistle.

Pastures, etc.; common.

Hieracium venosum, L. Rattlesnake-weed.

Dry fields; common.

aurantiacum, L. Orange fl'rd Hawkweed.

Meadows. Nat. f. Eu.

Matricaria suaveolens, (Pursh.) Buchen. Pineapple-Weed.

Made land, waste places. Adv.

Boraginaceæ.

Asperugo procumbens, L. A prickly weed.

Waste grounds; rare. Adv. f. Eu.

June 1st to 10th

Umbelliferæ.

Heracleum lanatum, Mich. — Cow Parsnip.
Moist ground; frequent.

Sphondylium, L. — "
Roadside. Adv. casual.

Carum Carvi, L. — Caraway.
Near dwellings. Adv. f. Eu.

Zizia aurea, (L.) Koch. — Golden Alexanders.
Meadows; infrequent.

Osmorrhiza longistylis, (Torr) D. C. — Sweet Cicely.
Near dwellings; infrequent.

Onagraceæ.

Oenothera pumila, L. — Evening Primrose.
Fields; common.

Rhamnaceæ.

Rhamnus cathartica, L. — Buckthorn.
Occasionally spontaneous. Introd. f. Eu.

Iridaceæ.

Sisyrinchium angustifolium, Mill. — Blue-eyed Grass.
Moist meadows; common.

gramineum, Curtis. — " "
Sandy places; common.

Iris versicolor, L. — Larger blue Flag.
Wet places; common.

prismatica, Pursh. — Slender " "
Wet places; common.

Araceæ.

Acorus Calamus, L. — Sweet Flag.
Ponds and wet grounds; frequent.

Juncaginaceæ.

Triglochin maritima, L. — Arrow Grass.
Salt marshes; common.

Sarraceniaceæ.

Sarracenia purpurea, L. — Side-saddle Flower.
Boggy places; frequent.

June 1st to 10th

Santalaceæ.

Comandra umbellata, (L.) Nutt. Bastard Toad-flax.
Dry ground; rather common.

Araliaceæ.

Aralia nudicaulis, L. Sarsaparilla.
Moist woodlands; common.

Liliaceæ.

Smilax rotundifolia, L. Greenbrier.
Moist woods and thickets; common.

Smilacina racemosa, (L.) Desf. False Spikenard.
Borders of woods; common.

Allium canadense, L. Wild Garlic.
Moist meadows.

vineale, L. Field "
Moist meadows. Nat. f. Eu.

Schoenoprasum, L var.sibiricum, (L.) Hartm. Chives. Gardens.

Scrophulariaceæ.

Linaria canadensis, (L.) Dumont. Toad Flax.
Sandy soil; till October.

Melampyrum lineare, Lam. Cow Wheat.
Open woods; common.

Pentstemon hirsutus, (L.) Willd. Beard-tongue.
Dry fields; occasional.

Veronica officinalis, L. Common Speedwell.
Fields and open woods; frequent.

*Anagallis aquatica, L. Water "
Brooks and ditches.

Oxalidaceæ.

Oxalis corniculata, L. Yellow Wood-sorrel.
Common till last of October.

stricta, L. " "
Common till last of October.

repens, Thunb.
In or about greenhouses.

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*Mrs. Elizabeth R. Jenney.

June 1st to 10th

Cistaceæ.

Hudsonia ericoides, L. — Hudsonia (Wareham.)
Sandy soil.

tomentosa, Nutt. — " (Nonquitt.)
Sandy soil near shore.

Helianthemum canadense. — Frostweed.
Dry fields; common.

Marchantiaceæ.

Marchantia polymorpha, — Liverwort.
Moist ground; common.

Cruciferæ.

Lepidium apetalum, Willd. — Peppergrass.
Waste places. Nat. f. Eu.

Thlaspi arvense, L. — Pennycress.
Waste places; rare. Nat. f. Eu.

Hesperis matronalis, L. — Dame's Violet.
Garden escape. Adv. f. Eu.

Camelina sativa, (L.) Crantz. — False Flax.
Weed. Nat. f. Eu.

microcarpa, Andrz. — " "
Weed. Nat. f. Eu.

Radicula Nasturtium-aquaticum, (L.) Britt & Rendl. — Water Cress.
Brooks and ditches. Nat. f. Eu.

palustris, (L.) Moench. — Marsh "
Wet places till August 15. Nat. f. Eu.

*sylvestris, (L.) Druce. — Yellow "
Wet places till August 15. Nat. f. Eu.

Cyperaceæ.

Scirpus planifolius, Muhl. — Club Rush.
Dry or moist ground.

pauciflorus, Lightf. — " "
Wet Places.

Eleocharis ovata, (Roth) R. & S. — Spike Rush.
Wet Places.

tuberculosa, Michx. R. & S. — " "

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*H. Willey.

June 1st to 10th

Gramineæ.

Bromus secalinus, L. — Cheat or Chess.
Fields and waste places. Nat. f. Eu.

hordeaceus, L. — Soft Chess.
Fields and waste places. Adv. f. Eu.

racemosus, L. — Chess
Fields and waste places. Adv. f. Eu.

brizaeformis, Fisch. & Mey. — "
Old Garden. Adv. f. Eu.

Poa pratensis, L. — Meadow Grass.
Common.

Puccinellia maritima, (Huds.) Parl. — Sea Spear-Grass.
Salt marshes; common.

distans, (L) Parl. — " "
Salt marshes; common.

Secale cereale. — Common Rye.
Waste places; occasional.

Aristolochiaceæ.

Aristolochia macrophylla, Lam. Dutchman's Pipe. Gardens.

Cornaceæ.

Cornus paniculata, L'Her. Panicled Cornel. Lawns.
stolonifera sibirica, "

Caprifoliaceæ.

Viburnum Lantana, Viburnum. "
Sieboldii, "
Opulus, var. Americanum, Cranberry-tree. "
forma sterilis, Snow-ball. "
tomentosum, Japan Viburnum. "
var. plicatum, " " "
forma sterilis, Japan Snow-ball. "
Weigelia rosea, (*Diervilla*) Weigelia. "
var. Mon. Lemoine, " "

Philadelpheæ.

Deutzia gracilis, Deutzia. Gardens.

June 1st to 10th

Rosaceæ.

Spiraea Van Houtteii,	Spiræa.	Gardens.
Reevesii,		"
Rosa *cinnamomea var. sibirica,*		"

Ramunculaceæ.

Clematis montana,	Clematis.	"
Paeonia Moutan,	Tree Peony.	"
officinalis, (Rather later)		"

Urticaceæ.

Morus rubra,	Red Mulberry.	Lawns.
alba,	White "	"

Portulaceæ.

Tamarix Gallica,	Tamarix.	Lawns.

Celastraceæ.

Evonymus atropurpureus,	Burning Bush.	Gardens.
radicans,	" "	"

June 10th to 20th

Roraginaceæ.

Myosotis scorpioides, L. — Forget-me-not.
Garden Escape.

laxa, Lehm. — " "
Water & wet ground; b. t. Sept.

Rosaceæ.

Sorbaria sorbifolia, (L.) A. Br.
Garden escape.

Aruncus sylvester, Kost'y. — Goats Beard.
Garden escape.

Prunus serotina, Ehrh. — Wild Black Cherry.
Roadsides and woods; com.

Potentilla argentea, L. — Silvery Cinque-foil.
Dry fields, &c., till Oct.

June 10th to 20th

Rosaceæ.

Potentilla monspeliensis, L. — Tall Cinque-foil.
Dry fields, &c., till Oct.

var. norvegica, (L.) Rydb. — " "
Rare.

Rubus hispidus, L. — Swamp-Blackberry
Low woods, &c.; common.

odoratus, L. — Purple fl'g Blackberry. — Gardens.

Rosa cinnamomea. — Cinnamon Rose.
Roadside, Rochester.

Caprifoliaceæ.

Viburnum cassinoides, L. — Withe-rod.
Moist woods; common.

venosum, Britton. — Downy Viburnum.
Naushon and Gay Head.

Linnaea borealis, L. var. americana (Forbes) Rehder. — Twin Flower (rare.)
Near Braley's cros. O. C. R. R.

Triosteum perfoliation, L. — Horse Gentian.
Gay Head.

Cornaceæ.

Cornus alternifolia, L. f. — Panicled Cornel.
Woods; common.

*canadensis, L. — Dwarf Cornel. Bunchberry.
North Dartmouth; rare.

Ericaceæ.

Kalmia angustifolia, L. — Sheep Laurel.
Pastures, &c.; common.

latifolia, L. — Mountain Laurel.
Moist woods; common.

Gaylussacia frondosa, (L.) T. & G. — Dangleberry.
Moist woods; common.

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*H. Willey.

June 10th to 20th

Caryophyllaceæ.

Silene conica, L. — Silene.
Dartmouth, casual Adv.

Agrostemma Githago. — Corn Cockle.
Casual. Introd. f. Eu.

Labiatæ.

Prunella vulgaris, L. — Self-heal.
Common till last of Oct.

Liliaceæ.

Medeola virginiana, L. — Indian Cucumber-root.
Damp woods; common.

Smilax herbacea, L. — Carrion-flower.
Moist meadows; frequent.

Umbelliferæ.

Coriandrum sativum, L. — Coriander.
Small colony Dumping Ground.

Sanicula marilandica, L. — Black Snakeroot.
Copses and bushes.

canadensis, — "
Copses and bushes.

Polygonaceæ.

Rumex verticillatus, L. — Swamp Dock.
Swamps; b. till Oct.

crispus, L. — Curled "
Waste grounds; b. till Oct.

obtusifolius, L. — Bitter "
Fields.

Osmundaceæ.

Osmunda regalis, L. — Flowing Fern.
Wet woods; common.

Araceæ.

*Peltandra virginica, (L.) Kunth. — Arrow Arum.
Shallow water; infrequent.

Calla palustris, L. — Water "
Cold bogs; infrequent.

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*H. Willey.

June 10th to 20th

Compositæ.

Centaurea Cyanus, L. — Batchelor's Button.
Gardens and escaped.

Achillea Millefolium, L. — Yarrow, (white, and red.)
Blooms till last of Oct.

Celastraceæ.

Celastrus scandens, L. Climbing Bitter-sweet. Cultivated for ornament.

Commelinaceæ.

Commelina communis, L. — Day-flower.
An occasional escape.

Tradescantia virginiana, L. — Spiderwort.
An occasional escape.

Gramineæ.

Festuca ovina, L. — Sheep's Fescue.
Pastures, &c.

var. duriuscula, (L.) Koch. — " "
Pastures, &c.

rubra? L. — " "
Pastures, &c.

elatior, L. — Meadow "
Pastures, &c.

octoflora, Walt. — " "
Pastures, &c.

Deschampsia flexuosa, (L.) Trin. — Hair-Grass.
Dry soil.

Danthonia spicata, (L.) Beauv. — Wild Oat-grass.
Dry soil.

compressa, Aust. — " "
Dry soil.

Holcus lanatus, L. — Velvet Grass.
Moist meadows. Nat. f. Eu.

Stipa avenacea, L. — Black Oat-grass.
Dry woods.

Agropyron repens, (L.) Beauv. — Quitch Grass.
Common. Nat. f. Eu.

June 10th to 20th

Gramineæ.

Glyceria canadensis, (Michx.) Trin. — Rattlesnake Grass.
Wet places.

Torreyana, (Spreng.) Hitchc. — Long-panicled Glyceria.
Wet places.

nervata, (Willd.) Trin. — Fowl Meadow Grass.
Wet places.

pallida, (Torr.) Trin. — Pale-flowered Glyceria.
Wet places.

grandis, Wats. — Reed Meadow Grass.
Wet places.

fluitans, (L.) R. Br.
Wet places.

acutiflora, Torr. — Sharp-flowered Glyceria.
Wet places.

Dactylis glomerata, L. — Orchard Grass.
Fieds, &c. Nat. f. Eu.

†Melica striata, (Michx.) Hitchc. — Wild Oat.
Infrequent.

Rutaceæ.

Ptelea trifoliata, L. — Hop Tree. — Lawns.

Urticaceæ.

Maclura pomifera, (Raf.) Schneider. Osage Orange. Used for hedges.

Cyperaceæ.

Scirpus americanus, Pers. — Club-rush.
Borders of ponds, &c.

validus, Vahl. — Great Bulrush.
Borders of ponds (July 1st.).

campestris, Britt. var paludosus, (A. Nel.) Fer. — Sea Club-rush.
Salt marshes.

sylvaticus, L. — Club-rush.
Wet places.

*subterminalis, Torr. — "
Cedar Dell pond, Dartmouth, &c.

atrovirens, Muhl. — "
Wet places.

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*Dr. E. L. Sturtevant. †H. Willey.

June 10th to 20th

Juncaceæ.

Juncus balticus, Wild. var littoralis, Engelm. — Rush.
Sandy shores.

effusus, L. — Soft Rush.
Wet sandy places.

marginatus, Rostk. — Rush.
Wet sandy places.

Greenii, Oakes and Tuck. — "
Dry sandy places.

tenuis, Willd. — "
Fields and roadsides.

bufonius, L. — "
Fields and roadsides.

articulatus, L. — "
Wet grounds.

var. obtusatus, (L.) Engelm.
Wet grounds.

scirpoides, Lam. — "
Wet grounds.

*acuminatus, Michx. — "
Wet grounds.

Gerardi, Loisel. — Black Grass.
Salt marshes.

canadensis, J. Gay. — Rush.
Marshy places.

var. subcaudatus, (L.) Engelm.
Marshy places.

Primulaceæ.

Anagallis arvenis, L. — Pimpernel.
Sandy places; b. t. mid. Sept. Nat. f. Eu.

Ranunculaceæ.

Ranunculus aquatilis, L.
var. capillaceus, D. C. — White Water-crowfoot.
Streams, &c.; infrequent.

Cymbalaria, Pursh. — Seaside Crowfoot.
Wet soil, near seashore; com.

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*Dr. E. L. Sturtevant.

June 10th to 20th

Ranunculaceæ.

Thalictrum revolutum, D. C. — Meadow Rue.
River banks and fields.
Clematis erecta, — Erect Clematis. — Gardens.

Anacardiaceæ.

Rhus Toxicodendron, L. — Poison Ivy.
Low grounds; common.
var. radicans, (L.) Torr. — " "
Low grounds; common.
cotinoides, — Smoke Tree. — Lawns.

Leguminosæ.

Robinia Pseudo-Acacia, L. — Common Locust.
Naturalized; common.
viscosa, Vent. — Clammy "
Cultivated and escaped.
hispida, L. — Bristly Locust. — Lawns.
Vicia sativa, L. — Vetch.
Waste places; frequent, Adv f. Eu.
angustifolia, (L.) Reichard. — "
Waste places; frequent, Adv f. Eu.
Cracca, L. — "
Fields.
tetrasperma, L. Moench. — "
Fields. Adv. f. Eu.
Colutea arborescens, — Black Senna. — Lawns.
Cladrastis lutea, (Michx. f.) Koch. — Yellow Wood. — "

Magnoliaceæ.

Magnolia virginiana, L. — Sweet Bay. — "
Liriodendron Tulipifera, L. — Tulip Tree. — "

Aceraceæ.

Acer spicatum, Lam. — Mountain Maple. — Lawns.
pennsylvanicum, L. — Striped Maple. — "

NOTE.—Forest trees are in full foliage 15th to 20th June, with the exception of Platanus occidentalis, which is not at its best till July 1st or later.

June 10th to 20th

Ternstrœmiaceæ.

Actinidia polygama,	Climbing Vine.	Gardens.

Caprifoliaceæ.

Symphoricarpus racemosus,	Michx.	Snowberry.	Gardens; b. t. Aug.
Lonicera sempervirens,	L.	Trumpet Honeysuckle.	Gardens.
Caprifolium,	L.	Italian Woodbine.	"
Japonica,	Thunb.	Japanese Honeysuckle.	"

Saxifragaceæ.

Philadelphus grandiflorus,	Willd.	Mock Orange.	"
coronarius,	L.	" "	"

Oleaceæ.

Chionanthus Virginica,	L.	Fringe Tree.	"

Rosaceæ.

Rosa Harrisonii,		Harrison Rose.	"
rugosa,			"
Astilbe Japonica,			"
Physocarpus opulifolius,	(L) Maxim.	Nine-bark.	"

June 20th to July 1st

Ranunculaceæ.

Thalictrum polyganum, Muhl. Meadow Rue.
Wet meadows; common.

Caryophyllaceæ.

Silene latifolia, (Mill) Britt and Rendle. Bladder Campion.
Roadsides and fields. Nat. f. Eu.
noctiflora, L. Night-flowering Catchfly.
Cultivated grounds.

Polygalaceæ.

Polygala polygama, Walt. Milkwort.
Dry, sandy soil; b. till last of Sept.

June 20th to July 1st

Leguminosæ.

Melilotus alba, Des. White Melilot.
Nat. f. Eu.; b. t. Oct.

officinalis, (L.) Lam. Yellow Melilot.
Nat. f. Eu.; b. t. Oct.

Coronilla varia, L. Coronilla.
Garden escape. Nat. f. Eu.

Lathyrus palustris, L. Marsh Vetching.
Moist soil.

var. myrtifolius, " "
Moist soil.

odoratus, Sweet Pea. Gardens.

Trifolium arvense, L. Rabbit-foot Clover.
Sandy soil; b. till Oct.; com. Nat. f. Eu.

agrarium, L. Hop "
Sandy soil; b. till Oct.; com. Nat. f. Eu.

Medicago sativa, L. Alfalfa.
Fields; cultivated. Introd. f. Eu.

arabica, Huds. Spotted Medick.
Waste places; infrequent. Adv. f. Eu.

Rosaceæ.

Rosa,

virginiana, Mill. Wild Rose.
Moist places; common.

humilis, Marsh. " "
Dry soil; common.

nitida, Willd. " "
Borders of swamps.

rubiginosa, L. Sweetbrier.
Gardens and roadsides. Introd. f. Eu.

Rosa:—Baltimore Bell, Setigera, Multiflora, Dorothy Perkins, Queen of the Prairies, Madame Plantier, Wichuriana, Crimson Rambler, Rugosa, etc. Gardens.

Crataegus phaenopyrum, (L. f.) Medic. Washington Thorn.

June 20th to July 1st

Cruciferæ.

Erysimum cheiranthoides, L. Worm-seed Mustard.
Waste places.

Sisymbrium altissimum, L. Tumble Mustard.
Waste places. Nat. f. Eu.

Aizoaceæ.

Mollugo verticillata, L. Carpet-Weed.
Garden weed; b. till Oct.

Caprifoliaceæ.

Viburnum dentatum, L. Arrow-wood.
Moist woods; common.

Rubiaceæ.

Mitchella repens, L. Partridge Berry.
Moist woods; common.

Galium Claytoni, Michx. Small Bedstraw.
Wet round till September; common.

Compositæ.

Sonchus oleraceus, L. Sow Thistle.
Waste places; frequent. Nat. f. Eu.

asper, (L.) Hill. Spiny-leaved Sow Thistle.
Waste places; frequent. Nat. f. Eu.

Coreopsis tinctoria, Nutt. Coreopsis.
Garden escape.

Boraginaceæ.

Echium vulgare, L. Blue-weed.
Roadsides, etc.; infrequent. Nat. f. Eu.

Nymphæaceæ.

Castalia odorata, (Ait.) Woodv. & Wood. White Water-lily.
Ponds; common; b. t. middle September.

forma rosea, (Pursh.) Britton.

Ericaceæ.

Rhododendron viscosum, (L.) Torr. White Swamp Honeysuckle.
Low grounds; common.

var. glaucum, (Michx.) Gray.
Low grounds; common.

var. nitidum, (Pursh.) Gray.
Low grounds; common.

June 20th to July 1st

Ericaceæ.

*Gaylussacia dumosa, (Andr.) T. & G. Dwarf Huckleberry.
Swamps and wet grounds.

Convolvulaceæ.

Convolvulus sepium, L. Hedge Bindweed.
Moist soil, roadsides, etc.; common.

Cornaceæ.

Nyssa sylvatica, Marsh, 20th. Black Gum, Tupelo.
Moist woods; common.

Solanaceæ.

Solanum Dulcamara, L. Bittersweet.
Near dwellings; frequent.
tuberosum, L. Common Potato.
Waste places; casual.
Lycopersicon esculentum, Mill. Tomato.
Waste places; casual.

Alismaceæ.

Sagittaria graminea, Michx.
Shore Lake Quittacus, Lakeville.

Liliaceæ.

Smilax glauca, Walt. Saw Brier.
Dry thickets; common.

Crassulaceæ.

Sedum acre, L. Mossy Stone-crop.
Rocky places. Nat. f. Eu.

Primulaceæ.

Lysimachia quadrifolia, L. Loosestrife.
Low grounds; common.
terrestris, (L.) B. S. P. "
Low grounds; common.
Nummularia, L. Moneywort.
Damp grounds; garden escape.
vulgaris, L. Loosetrife. Gardens.

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*The berries are rather coarse and bristly and not abundant; a considerable quantity, however, picked in Dartmouth, was displayed for sale in this market a few seasons since.

June 20th to July 1st

Primulaceæ.

Hottonia inflata, Ell. Featherfoil.
Muddy pools and ditches; infrequent.

Campanulaceæ.

Specularia perfoliata, (L.) A. D. C. Venus' Looking-glass.
Sterile or gravelly ground; frequent.

Gentianaceæ.

Nymphoides lacunosum, (Vent.) Fernald. Floating Heart.
Ponds; common.

Aquifoliaceæ.

Ilex laevigata, (Pursh.) Gray. Smooth Winterberry.
Wet woods; common.
forma Herveyi, Robinson. " " "
Fruit bright yellow; wet woods; rare.
opaca, Ait. Holly.
Moist woods; common.
forma xanthocarpa, Rehder.
Fruit bright yellow; Acushnet, Dartmouth; rare.

Orchidaceæ.

Pogonia ophioglossoides, (L.) Ker. Pogonia.
Boggy places; common.
Calopogen pulchellus, (Sw.) R. Br. Calopogon.
Boggy places; common.
Habenaria flava. (L.) Gray. Greenish Orchis.
Wet meadows, &c.; common.
psycodes, (L.) Sw. Small Purple fringed Orchis.
Wet meadows, &c.; frequent.
fimbriata, (Ait.) R. Br. Large Purple " "
Wet meadows; not frequent..

Najadaceæ.

Potamogeton hybridus, Michx. Pondweed.
Ponds, pools, and ditches.
pusillus, L. "
Ponds, pools, and ditches.

June 20th to July 1st

Najadaceæ.

Potamogeton confervoides, Reichenb, — Pondweed.
Ponds, pools, and ditches.

*Oakesianus, Robbins. — "
Ponds, pools, and ditches.

*natans, L. — "
Ponds, pools, and ditches.

heterophyllus, Schreb. — "
Ponds, pools, and ditches.

americanus, C. & S. — "
Ponds, pools, and ditches.

*epihydrus, Raf. — "
Ponds, pools, and ditches.

*Robbinsii, Oakes. — "
Ponds, pools, and ditches.

pectinatus, L. — "
Island of Penekese.

Ruppia maritima, L. — Ditch Grass.
Shallow water and ditches.

Zostera marina, L. — Eel-grass.
Salt water near shore.

Zannichellia palustris, L. — Horned Pondweed.
Stream from Turner's Mill.

Characeæ.

Chara flexis, — Chara.
Acush. Riv. near upper res.

Urticaceæ.

Urtica gracilis, Ait. — Nettle.
Near dwellings.

urens, L. — "
Near dwellings. Nat. f. Eu.

Scrophulariaceæ.

Veronica scutellata, L. — Marsh Speedwell.
Bogs and marshes.

Teucrium, L.
Garden esc.; roadside. Introd. f. Eu.

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*Dr. E. L. Sturtevant.

June 20th to July 1st

Gramineæ.

Panicum barbulatum, Michx. — Panic Grass.
Fields.

huachucæ, Ashe.
Fields.

Boscii, Poir. — " "
Moist thickets; common.

spretum, Schultes. — " "
Moist soil.

dichtomum, L. — " "
Very common.

scribnerianum, Nash.
Dry soil.

depauperatum, Muhl. — " "
Dry soil.

latifolium, L.
Dry soil.

Sphenopholis palustris, (Michx.) Scribn. — Sphenopholis.
Low grounds.

Phalaris arundiacea, L. — Reed Canary-grass.
Wet grounds.

var picta. — Wild Striped "
Wet grounds.

canariensis, L. — Canary Grass.
Waste places; t. Oct. Adv. f. Eu.

Agrotis alba, L. — White Bent-grass.
Fields and meadows; common.

var. sylvatica, L.
Fields and meadows; common.

var vulgaris, (With.) Thurb. — Red Tops.
Fields and meadows; common.

var. maritimus, (Lam.) G. F. W. Mey.
Brakish meadows; common.

perennans, (Walt.) Tuckerm. — Thin Grass.
Shaded places; common.

hyemalis, (Walt.) B. S. P. — Hair Grass.
Dry soil; common.

June 20th to July 1st

Gramineæ.

Phleum pratense, L. Herds Grass. Timothy.
Meadows; common. Nat. f. Eu.

Poa triflora, Gilib. Fowl Meadow Grass.
Wet meadows.

trivialis, L. Rough-stalked " "
Moist meadows. Nat. f. Eu.

compressa, L. Canada Blue Grass.
Fields and meadows.

Polypodiaceæ.

*Polypodium vulgare, L. Polypody.
Rocks; common.

Adiantum pedatum, L. Maidenhair.
Moist woods; rare.

Pteris aquilina, L. Brake.
Very common.

Woodwardia virginica, (L.) Sm. Chain Fern.
Wet woods; common.

areolata, (L.) Moore. " "
Wet woods; common.

Asplenium Trichomanes, L. Spleenwort.
Shaded, rocky places.

platyneuron, (L.) Oakes. "
Shaded, rocky places.

acrostichoides, Sw. "
Moist woods; common.

Filix-femina, (L.) Bernh. Lady Fern.
Moist woods; common.

†Phegopteris polypodioides, Fée. Beech Fern.
Moist woods.

†hexagonoptera, (Michx.) Fée. " "
Moist woods.

†Dryopteris, (L.) Fée. Oak Fern.
Rocky woods.

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*This, being an evergreen, may be found throughout the entire year, usually growing from crevices or rocks; also several evergreen species of Asplenium and Aspidium may be found at any time.

†H. Willey.

June 20th to July 1st

Polypodiaceæ.

Aspidium Thelypteris, (L.) Sw. — Shield Fern.
Wet or moist woods; common.

noveboracense, (L.) Sw. — " "
Wet or moist woods; common.

spinulosum, (O. F. Müller) Sw. — " "
Wet or moist woods; common.

var. dilatatum, (Hoffm.) Hook. — " "
Wet or moist woods; common.

var. intermedium, (Muhl.) D. C. Eaton.

cristatum, (L.) Sw. — " "
Wet or moist woods; common.

marginale, (L.) Sw. — " "
Rocky woods; common.

Polystichum acrostichoides, (Michx.) Schott. — Christmas Fern.
Rocky woods; common.

*Cystopteris fragilis, (L.) Bernh. — Bladder "
Rocky woods; common.

Onoclea sensibilis, L. — Sensitive "
Wet woods and meadows; common.

Woodsia obtusa, (Spreng.) Torr. — Woodsia.
Rocky places; common.

Dicksonia pilosiuscula, (Michx.) Gray. — Dicksonia.
Shady places; common.

Ophioglossaceæ.

Botrychium virginianum, (L.) Sw. — Rattlesnake Fern.
Rich woods; frequent.

*Ophioglossum vulgatum, L. — Adder's Tongue.
Boggy places; rare.

Fumariaceæ.

Adlumia fungosa, (Ait.) Greene. — Climbing Fumitory.
Vine climbing over bushes.

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*H. Willey.

June 20th to July 1st

Tiliaceæ.

Tilia americana, L.	Basswood.	Lawns and streets.
European species.		" "

Leguminosæ.

Gymnocladus dioica, (L.) Koch, 20th,	Kentucky Coffee-tree.	Lawns.
Gleditsia triacanthos, L., 20th,	Honey Locust.	"

Styracaceæ.

Styrax Japonica,	Storax.	"

Philadelpheæ.

Deutzia scabra,	Deutzia.	Gardens.
crenata,	Double Deutzia.	"

Rosaceæ.

Spiraea crispifolia,	Spiræa.	"
palmata,	"	"
interrupta,	"	"

July 1st to 10th

Papaveraceæ.

Papaver Rhœas, L. — Corn Poppy.
Waste grounds. Adv.

Glaucium flavum, Crantz. — Horn "
Waste grounds. Adv.

Argemone mexicana, L. — Mexican "
Waste grounds. Adv.

Ranunculaceæ.

Anemone virginiana, L. — Tall Anemone.
Woods and meadows; frequent.

Hypericaceæ.

Hypericum perforatum, L. — St. John's-wort.
Fields; common. Nat. f. Eu.

Vitaceæ.

Vitus labrusca, L. — Northern Fox Grape.
Thickets, etc.; common.

vulpina, L. — Frost "
Thickets, etc.; less common.

July 1st to 10th

Leguminosæ.

Tephrosia virginiana, (L.) Pers. Goat's Rue.
Dry, sandy soil; infrequent.

Rosaceæ.

Spiræa latifolia, Borkh. Meadow-sweet.
Pastures, etc.; com.

Geum canadense, Jacq. Avens.
Borders of woods, etc.; com.

virginianum, L. "
Borders of woods, etc.; com.

strictum, Ait. "
Borders of woods, etc.; com.

Umbelliferæ.

Pastinaca sativa, L. Wild Parsnip.
Roadsides, &c.; common. Nat. f. Eu.

Daucus Carota, L. Wild Carrot.
Fields, common; till last of Oct. Nat. f. Eu.

Hydrocotyle americana, L. Marsh Pennywort.
Marshes and wet grounds.

umbellata, L.
Marshes and wet grounds; b. t. Sept. 15; com.

†verticillata, Thunb.
Marshes and wet grounds; rare.

Cicuta maculata, L. Water Hemlock.
Marshes and wet grounds; common.

bulbifera, L. " "
Marshes and wet grounds; less common.

Conium maculatum, L. Poison Hemlock.
Waste places. Nat. f. Eu.

Foeniculum vulgare, Hill. Fennel. Cultivated.

Caryophyllaceæ.

Dianthus Armeria, L. Deptford Pink.
Fields, etc., occasional. Adv. f. Eu.

Lychnis coronaria, (L.) Desr. Mullin Pink.
Garden escape; occasional. Introd. f. Eu.

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†T. A. Greene.

July 1st to 10th

Caprifoliaceæ.

Sambucus canadensis, L. Elder.
Very common; rich soil.

Compositæ.

Artemsia stelleriana, Bess. Dusty Miller.
Sandy sea-beaches.

Erigeron annuus, (L.) Pers. Daisy Fleabane.
Fields, &c.; b. till Oct.; com.

ramosus, (Walt.) B. S. P. " "
Fields, &c.; b. till Oct.; com.

var discoideus, (Robbins) B. S. P. " "
Fields, &c.; b. till Oct.; com.

Anthemis Cotula, L. May-weed.
Roadsides, com.; b. t. Nov. 20. Nat. f. Eu.

arvenis, L. Corn Chamomile.
Waste places; rare. Adv.

nobilis, L. Garden "
Escaped from gardens. Adv.

Gnaphalium uliginosum, L. Low Cudweed.
Wet grounds; common.

Galinsoga parviflora, Cav. Weed.
Waste places; b. t. Nov. Nat. f. Trop. Am.

Rudbeckia laciniata, L. Yellow Daisy.
Fields; rather common.

hirta, L " "
Fields; rather common.

Cirsium arvense, (L.) Scop. Canada Thistle.
Pastures and waste places; common. Nat. f. Eu.

Cichorium Intybus, L. Chicory.
Roadsides, etc.; b. t. Oct.; common. Nat. f. Eu.

Malvaceæ.

Malva moschata, L. Musk Mallow.
Field, casual. Nat. f. Eu.

July 1st to 10th

Convolvulaceæ.

Convolvulus arvensis, L. — Field Bindweed.
Waste places. Adv. f. Eu.

var. obtusifolius, Choisy. — "
Waste places. Adv. f. Eu.

Lentibulariaceæ.

Utricularia cornuta, Michx. — Yellow Bladderwort.
Sandy marshes and bogs.

Asclepiadaceæ.

Asclepias syriaca, L. — Common Milkweed.
Common. Open ground.

phytolaccoides, Pursh. — Poke Milkweed.
Common. Open ground.

tuberosa, L. — Butterfly-weed.
Common. Dry fields.

Cynanchum nigrum, L. Pers.
Waste places. Adv.

Boraginaceæ.

Symphytum officinale, L. — Common Comfrey.
Escaped from gardens. Introd. f. Eu.

Onosmodium virginianum, (L.) A. DC. — False Gromwell.
Infrequent.

Scrophulariaceæ.

†Rhinanthus Crista-galli, L. — Yellow Rattle.
Fall River.

Verbascum Thapsus, L. — Common Mullein.
Pastures; common. Nat. f. Eu.

phlomoides, L.
Pastures; not common. Adv. f. Eu.

Blattaria, L. — Moth Mullein.
Roadsides; not common. Adv. f. Eu.

Lychnitis, L. — White "
Fields; not common. Adv. f. Eu.

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†S. N. F. Sanford.

July 1st to 10th

Scrophulariaceæ.

Linaria vulgaris, Hill. Butter and Eggs.
Roadsides and fields; b. t. last Oct. Nat. f. Eu.

Pentstemon laevigatus, Ait. Beard-tongue.
Fields; occasional.

Anacardiaceæ.

Rhus vernix, L. Poison Dogwood.
Swamps and wet grounds; very com.

typhina, L. Staghorn Sumach.
Dry soil; common.

Aquifoliaceæ.

Ilex verticillata, (L.) Gray. Winterberry—Black Alder.
Low grounds; common.

glabra, (L.) Gray. Inkberry.
Moist woods; common.

Labiatæ.

Leonurus Cardiaca, L. Motherwort.
Common near dwellings. Nat. f. Eu.

Marrubium vulgare, L. Horehound.
Waste places; infrequent. Nat. f. Eu.

Nepeta Cataria, L. Catnip.
Near dwellings; common. Nat. f. Eu.

Ericaceæ.

Pyrola americana, Sweet. Round-leaved Pyrola.
Rich woods; common.

elliptica, Nutt. Shin Leaf.
Rich woods; common.

*secunda, L.
Rich woods.

Vaccinium macrocarpon, Ait. Cranberry.
Com. in meadows and bogs.

Lyonia ligustrina, (L.) DC. Male Berry.
Wet woods, &c.; common.

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*L. J. Hathaway.

July 1st to 10th

Apocynaceæ.

Apocynum cannabinum, L. Indian Hemp.
Borders of thickets, &c.; freq.

androsæmifolium, L. Spreading Dogbane.
Borders of thickets, &c.; freq.

Liliaceæ.

Hemerocallis fulva, L. Common Day-lily.
Escap. from gar. to roadsides; freq. Introd. f. Eu.

Plantaginaceæ.

Plantago major, L. Common Plantain.
Near dwellings till Oct.; com.

Rugelii, Dcne. " "
Near dwellings till Oct.; com.

aristata, Michx.
Waste places. Nat. from West.

Araliaceæ.

Aralia racemosa, L. Spikenard.
Rich woodlands; common.

hispida, Vent. Bristly Sarsaparilla.
Rocky places, frequent.

Nymphæaceæ.

Brasenia Schreberi, Gmel. Water Shield.
Ponds, &c.; frequent.

Hæmodoraceæ.

Aletris farinosa, L. Star Grass.
Bushy pastures, &c.; freq.

Onagraceæ.

Oenothera Oakesiana, Robbins. Evening Primrose.
Sandy Soil, Nonquitt.

biennis, L. " "
Com. by roadsides t. mid. Oct.

grandiflora, Ait " "
Garden escape; rare.

July 1st to 10th

Onagraceæ.

Epilobium angustifolium, L. — Willow-herb.
Com. in low, cleared lands.

coloratum, Muhl. — "
Common in wet places.

hirsutum, L. — "
Waste grounds about the city. Nat. f. Eu.

Circæa lutetiana, L. — Enchanter's Nightshade.
Open woods; occasional.

alpina, L. — " "
Deep woods; occasional.

Ludvigia palustris, (L.) Ell. — Water Purslane.
Ditches, muddy pools, etc.; com.

alternifolia, L. — Seedbox.
Ditches, muddy pools, etc.; com.

Isoetaceæ.

Isœtes Engelmanni, ?A. Br. — Quillwort.
Shallow, muddy, ponds; com.

Typhaceæ.

Typha latifolia, L. — Cat-tail Flag.
Marshes; common.

angustifolia, L. — " "
Marshes; common.

Sparganium diversifolium, Graebner, — Bur-reed.
Ponds, ditches, &c.; com.

americanum, var. androcladum, (Engelm.) Fernald & Eames. "
Ponds, ditches, &c.; com.

Cyperaceæ.

Eleocharis acicularis, (L.) R. & S. — Spike Rush.
Muddy places; common.

rostellata, Torr. — Tripping Rush.
Marshes at Nonquitt; com.

Rhynchospora alba, (L.) Vahl. — Beak "
Low or boggy grounds; com.

glomerata, (L.) Vahl. — " "
Low or boggy grounds; com.

July 1st to 10th

Cyperaceæ.

Eriophorum virginicum, L. — Cotton Grass.
Low or boggy grounds; com.

viridi-carinatum, (Engelm.) Fernald. — " "
Low or boggy grounds; com.

gracile, Roth. — " "
Low or boggy grounds; com.

Scirpus nanus, Spreng. — Club Rush.
Brackish marshes; com.

Gramineæ.

Brachyelytrum erectum, (Schreb.) Beauv. — Brachyelytrum.
Rocky woods; frequent.

Calamagrostis canadensis, (Michx.) Beauv. — Blue Joint-grass.
Wet grounds; frequent.

Hordeum vulgare, L. — Barley.
Occasionally spontaneous.

Triticum vulgare, L. — Wheat.
" "

Avena sativa, L. — Common Oat.
" "

Simarubaceæ.

Ailanthus glandulosa, — Tree of Heaven.
Shade-tree and escaped to roadsides. Introd. f. Asia.

Oleaceæ.

Ligustrum vulgare, European Privet. — Lawns and Hedges.
ovalifolium, California Privet. — Lawns

Saxifragaceæ.

Itea virginica, L. — "

July 10th to 20th

Ranunculaceæ.

Ranunculus laxicaulis, (T. & G.) Darby. — Water Spearwort.
Ponds and ditches; infreq't.

July 10th to 20th

Cruciferæ.

Cakile edentula, (Bigel) Hook. American Sea-Rocket.
Seashore; common; b. t. Nov.

Liliaceæ.

Lilium philadelphicum, L. Wild Orange-red Lily.
Dry or sandy ground; com.

Rhamnaceæ.

*Ceanothus americanus, L. New Jersey Tea.
Marsh Island, New Bedford; Little Isl., Dartmouth, &c.

Geraniaceæ.

Impatiens biflora, Walt. Spotted Touch-me-not.
Common near shaded brooks.

Leguminosæ.

Baptisia tinctoria, (L.) R. Br. Wild Indigo.
Dry, sandy soil, till Sept.; com.

Genista tinctoria, L. Dyer's Greenweed.
Sterile field, Dartmouth. Adv.

Rosaceæ.

Rosa carolina, L. Swamp Rose.
Borders of swamps and wet ground; com.

Agrimonia gryposepala, Walt. Agrimony.
Thickets and roadsides; com.

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*The entire capsule of Ceanothus Am. when ripe, about the first of November or before, springs from the receptacle or disk by the simultaneous splitting of each of the three carpels; the latter diverging fly to a distance of three or four feet, and at the same time scatter their seeds. The manner in which each carpel is ruptured, though peculiar, is constantly uniform: it is cleft in the middle from base upwards for half its length, while each lobe near the outer edge is slit downward into a narrow wing or elater, and both movements are necessary to set free and discharge the polished-surface seeds. The scattered carpels have a strong resemblance to the yellowish wing-covers of a diminutive beetle.

July 10th to 20th

Droseraceæ.

*Drosera rotundifolia, L. — Sundew.
Wet pastures, &c.; common.

longifolia, L. — "
Salt marshes, &c.; common.

filiformis, Raf. — "
Barnstable.

Umbelliferæ.

Sium cicutæfolium, Schrank. — Water Parsnip.
Streams and marshes common.

var. Carsonii, Durand. — " "
Streams and marshes common.

Berula erecta, (Huds.) Coville. — " "
Streams and marshes common.

Rubiaceæ.

Galium boreale, L. — Northern Bedstraw.
Rare.

palustre, L. — Marsh "
Wet meadows, etc.; com.

asprellum, Michx. — Rough "
Moist woodlands, etc.; com.

triflorum, Michx. — Sweet-scented "
Moist woodlands, etc.; com.

pilosum, Ait. — Hairy "
Dry copses.

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*The Droseras are real catch-flies. If examined, especially in the morning, a number of the leaves will be found to be folded or rolled inward. These closed leaves contain, usually, from one to three or four minute winged insects, which the leaves have caught and will hold tightly clasped until their substance has been absorbed by the plant. In one instance the commencement of this operation was observed when a fly larger than an ordinary house fly was the prey. In this case, while the fly was resting upon the surface of the leaf, sipping the glittering drops of nectar, a single glandular bristle on each side of the leaf was gently bent over on to the back of the fly and held it down, which operation was followed, no doubt, by the pinning down with more bristles and the closing of the leaf, when the capture would be complete, but unfortunately the observer could not wait for the final result.

July 10th to 20th

Rubiaceæ.

†Galium verum, L. — Yellow Bedstraw.
Dry fields, Westport. Adv. f. Eu.

erectum, Huds. — Erect "
On a wharf; b. t. Oct. Adv. f. Eu.

Compositæ.

‡Centaurea jacea, L. — Star Thistle.
Westport and Nonquitt.

Sericocarpus asteroides, (L.) B. S. P. — White-topped Aster.
Dry ground; common.

linifolius, (L.) B. S. P. — " "
Dry ground; common.

Cirsium lanceolatum, (L.) Hill. — Common Thistle.
Pastures, &c.; common. Nat. f. Eu.

Onopordum Acanthium, L. — Scotch "
Dumps; rare. Nat. f. Eu.

Lactuca canadensis, L. — Wild Lettuce.
Common; b. till last of Sept.

integrifolia, Bigel. — " "
Common; b. till last of Sept.

spicata, (Lam.) Hitchc. — " "

hirsuta, Muhl. — " "
Common; b. till last of Sept.

Scariola, L. — Prickly "
Waste grounds. Adv. f. Eu.

sativa, Garden Lettuce. — Gardens.

Ambrosia trifida, L. — Great Ragweed.
Waste grounds; frequent.

Lobeliaceæ.

Lobelia spicata, Lam. — Spiked Lobelia.
Moist, sandy soil; common.

Dortmanna, L. — Water "
Ponds and lakes; common.

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†Mrs. C. A. Tuell. ‡Mrs. L. A. Macreading.

July 10th to 20th

Hypericaceæ.

Hypericum punctatum, Lam. St. John's-wort.
Low grounds; common.
mutilum, L. " "
Low grounds; common; b. till Oct.
canadense, L. " "
Low grounds; common; b. till Oct.
boreale, (Britton) Bicknell. " "
Wet grounds.

Campanulaceæ.

Campanula aparinoides, Pursh. Marsh Bellflower.
Low, wet meadows.
rapunculoides, L. Bellflower.
Roadsides, etc.; com. Introd. f. Russia.

Ericaceæ.

Gaultheria procumbens, L. Boxberry, Checkerberry.
Common in moist woods.
Chimaphila umbellata, (L.) Nutt. Prince's Pine.
Dry woods; frequent.
maculata, Spotted Wintergreen.
Dry woods; frequent.
Monotropa uniflora, L. Indian Pipe.
Rich woods; com.; b. t. Oct.
Hypopitys, L. False Beech Drops.
Oak and pine woods; less com.

Asclepiadaceæ.

Asclepias purpurascens, L. Purple Milkweed.
Dry ground; common.
incarnata var. pulchra, (Ehrh.) Pers. Swamp "
Swamps, etc.; common.
amplexicaulis, Sm. Wavy-leaved "
Sandy fields; frequent.

Linaceæ.

Linum virginianum, L. Wild Flax.
Dry, bushy pastures; com.

July 10th to 20th

Linaceæ.

Linum striatum, Walt. — Wild Flax.
Wet grounds; common.
usitatissimum, L. — Common "
Fields, etc. Adv. f. Eu.; occasional.
medium, (Planch.) Britton.
Dry, sandy soil.

Urticaceæ.

Cannabis sativa, L. — Hemp.
Waste grounds. Adv. f. Asia; occasional.
Humulus Lupulus, L. — Common Hop.
Esc. from cultivation. Adv. f. Eu.
Japonicus, Sieb. and Zuc. — Japanese Hop.
Garden escp. Adv f. Japan.

Phytolaccaceæ.

Phytolacca decandra, L. — Pokeweed.
Low grounds till 1st Oct.; frequent.

Pontederiaceæ.

Pontederia cordata, L. — Pickerel weed.
Shallow ponds, &c.; com.

Scrophulariaceæ.

Gratiola aurea, — Gratiola.
Wet, sandy shores; freq.
*virginiana, L. — "
Wet places; frequent.
Ilysanthes anagallidea, (Michx.) Robinson. — False Pimpernel.
Wet places; frequent.
Schwalbea americana, L. — Chaff-seed.
Smith's Neck, Dartmouth; rare.
Scrophularia marilandica, L. — Figwort.
Roadside, Dartmouth; rare; b. t. Sept.

Cornaceæ.

Cornus Amomum, Mill. — Kinnikinnik.
Near ponds and low grounds; com.

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*H. Willey.

July 10th to 20th

Eriocaulaceæ.

Eriocaulon articulatum, (Huds.) Morong. Pipewort.
Ponds; common.

Euphorbiaceæ.

Euphorbia polygonifolia, L. Seaside Spurge.
Sandy seashores t. Oct.; com.
maculata, L. Milk Purslane.
Open places and roadsides; com.
Peplus, L. Petty Spurge.
Waste places; b. t. Nov. Adv. f. Eu.
marginata, Pursh. Snow-on-the-Mountain.
Garden escape.

Lemnaceæ.

Lemna trisulca, L. Duck's-meat.
Muddy pools; com.

Polygonaceæ.

Polygonum Persicaria, L. Lady's Thumb.
Near dwellings; com.; t. Nov. Nat. f. Eu.
Hydropiper, L. Common Smartweed.
Wet grounds; com.; t. Nov.
acre, H. B. K. Water "
Wet grounds; com.; t. Nov.
var. leptostachyum, Meisn. "
Wet grounds.
hypropiperoides, Michx. Mild Water Pepper.
Wet grounds; com.; t. Nov.
aviculare, L. Knotweed.
Door yards, etc.; t. Nov.
arifolium, L. Halberd-leaved Tear-Thumb.
Wet grounds and woods; t. Nov.
sagittatum, L. Arrow-leaved "
Wet grounds and woods; t. Nov.
Convolvulus, L. Black Bindweed.
Cult. and waste grounds. Nat. f. Eu.
scandens, L. Clim'g False Buckwheat.
Moist thickets; roadsides.

July 10th to 20th

Polygonaceæ.

Fagopyrum esculentum, Buckwheat.
Fields and waste places. Adv. f. Eu.

Labiatæ.

Monarda didyma, L Bee Balm.
Escaped from gardens; casual.
fistulosa, L. Wild Bergamot.
Escaped from gardens; casual.
*Scutellaria integrifolia. Skullcap.
Moist ground; rare.

Fagaceæ.

Castanea dentata, (Marsh.) Borkh. Chestnut.
Cultivated and spontaneous.
vesca, Spanish Chestnut. Lawns.

Polemoniaceæ.

Phlox paniculata, L. Phlox.
Roadsides; Nat. f. South; com.

Saxifragaceæ.

Hydrangea Hortensis, Hydrangea. Gardens.
Japonica, " "

Ranunculaceæ.

Clematis vitalba, Clematis. "

Bignoniaceæ.

Catalpa bignonioides, Catalpa. Lawns, and spontaneous.
speciosa, " Lawns.

Liliaceæ.

Yucca filamentosa, Spanish Bayonet. Gardens.

Malvaceæ.

Althaea rosea, Hollyhock. "

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*L. J. Hathaway.

July 20th to Aug. 1st

Caryophyllaceæ.

Saponaria officinalis, L. Bouncing Bet.
Roadsides; b. till Oct.; common. Adv. f. Eu.
forma flore pleno, " "
Roadsides; b. t. Oct. Adv. f. Eu.
Vaccaria, L. Cow-herb.
Waste places; rare. Adv. f. Eu.

Elatinaceæ.

Elatine americana, (Pursh.) Arn. Waterwort.
Margins of ponds, etc.; frequent.

Vitaceæ.

Psedera quinquefolia, (L.) Greene. Virginia Creeper.
Woods, stone walls, etc.; common.
Veitchei, Boston Ivy. Stone or brick buildings.
Vitis heterophylla variegata, Japanese Grape Vine. Garden Walls.

Rosaceæ.

Spiræa tomentosa, L. Hardhack.
Common; low grounds.

Haloragidaceæ.

Proserpinaca palustris, L. Mermaid-weed.
Swamps and shallow ponds; common.
pectinata, Lam. " "
Swamps and shallow ponds; common.
Myriophyllum seabratum, Michx. Water-Milfoil.
Pools in marshes, Nonquitt; common.
humile, (Raf.) Morong. "
Ponds and ditches; common.
forma capillaceum, (Torr.) Fernald. "
Ponds and ditches; common.
tenellum, Bigel. "
Gosnold Pond, Cuttyhunk.

Liliaceæ.

Lilium superbum, L. Turk's-cap Lily.
Low meadows, etc.; common.
tigrinum, Ker. Tiger "
Garden escape to roadsides.

July 20th to Aug. 1st

Lythraceæ.

Decodon verticillatus, (L.) Ell. Swamp Loosestrife.
Swamps and border of ponds; frequent.

Lythrum Salicaria, L. Spiked "
Wet meadows. Introd. f. Eu.

Onagraceæ.

Epilobium densum, Raf. Willow Herb.
Common; open low grounds.

adenocaulon, Haussk. " "
Damp soil; frequent.

Rubiaceæ.

Cephalanthus occidentalis, L. Button Bush.
Border of ponds, etc.; common.

Compositæ.

Cirsium pumilum, (Nutt) Spreng. Pasture Thistle.
Dry pastures; common.

Leontodon autumnalis, L. Fall Dandelion.
Common; b. till November. Nat. f. Eu.

Sonchus arvensis, L. Field Sow-thistle.
Waste places; frequent. Nat. f. Eu.

Tanacetum vulgare, L. Tansy.
Roadsides, etc.; frequent; b. t. October. Introd. f. Eu.

var. crispum, D. C. "
Roadsides.

Coreopsis rosea, Nutt. Tickseed.
Lakeville.

Lobeliaceæ.

Lobelia inflata, L. Indian Tobacco.
Fields; common; b. t. last September.

cardinalis. Cardinal-flower.
Along brooks and wet grounds; b. till last September; common.

Umbelliferæ.

*Cryptotaenia canadensis, (L.), D. C. Honewort.
Sconticut Neck.

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*L. J. Hathaway.

July 20th to Aug. 1st

Solanaceæ.

Solanum nigrum, L. — Common Nightshade.
About dwellings and waste places; occasional.
rostratum Dunal, — Buffalo Bur.
A prickly weed; rare.

Scrophulariaceæ.

Gerardia flava. L. — Downy False Foxglove.
Open woods; frequent.
Minulus ringens, L. — Monkey Flower.
Wet grounds; common.

Plantaginaceæ.

Plantago decipens, Barneoud. — Seaside Plantain.
Salt marshes; common.

Labiatæ.

Pycnanthemum incanum, (L.) Michx. — Basil.
Roadsides, dry pastures, etc.; common.
muticum, (Michx,) Pers. — "
Roadsides, dry pastures, etc.; common.
virginianum, (L.) Durand & Jack. — "
Roadsides, dry pastures, etc.; common.
flexuosum, (Walt.) B. S. P. — "
Roadsides, dry pastures; Nonquitt; common.
Lycopus virginicus, L. — Bugle Weed.
Moist ground and woods; common.
sessilifolius, Gray. — " "
Moist ground and woods; common.
americanus, Muhl. — " "
Common about marshes, etc.
rubellus, Moench. — " "
Moist ground; common.
Stachys tenuifolia var. aspera, (Michx.) Fernald. — Hedge Nettle.
Wet ground; common.
arvensis, L. — Woundwort.
Waste places. Adv. f. Eu.
Ballota nigra, L. — Black Horehound.
Waste places. Adv. f. Eu.

July 20th to Aug. 1st

Labiatæ.

Scutellaria galericulata, L. Skullcap.
Wet, shaded places; frequent.
lateriflora, L. Mad-dog "
Wet, shaded places; frequent.
Teucrium canadense, L. Wood Sage.
Low ground, thickets, etc.; common.

Cistaceæ.

Lechea villosa, Ell. Pinweed.
Dry fields; common.
minor, L. "
Dry fields; common.
intermedia, Leggett. "
Dry fields; common.
maritima, Leggett. "
Dry fields; common.

Primulaceæ.

Steironema lonceolatum, (Walt) Gray.
Low grounds and thickets.

Polygalaceæ.

Polygala sanguinea, L. Polygala.
Moist ground; common b. t. October.
cruciata, L. "
Wet ground; common b .t. October.
verticillata, L. "
Dry soil; frequent; b. till middle September.

Verbenaceæ.

Verbena hastata, L. Blue Vervain.
Roadsides and waste places; common.
urticifolia, L. White "
Roadsides and waste places; common.
*stricta, Vent. Hoary "
Fall River.

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*Miss Louise H. Handy.

July 20th to Aug. 1st

Dioscoreaceæ.

Dioscorea villosa, L. Wild Yam-root.
Thickets, twining over bushes; frequent.

Xyridaceæ.

Xyris caroliniana, Walt. Yellow-eyed Grass.
Wet, sandy soil; common.

Piperaceæ.

*Saururus cernuus, L. Lizard's Tail.
Shallow water, Adamsville, R. I.

Melastomaceæ.

Rhexia virginica, L. Meadow Beauty.
Sandy swamps and wet pastures; common.

Gentianaceæ.

Sabatia stellaris, Pursh. Sabatia.
Salt marsh opposite "Potomska," Dartmouth.
dodecandra, "
Cedar Dell Pond, Dartmouth; wet meadows along upper waters of the Acushnet; Rochester, etc.
Bartonia virginica, (L.) B. S. P. Bartonia.
Wet or boggy pastures; com.

Hypericaceæ.

Hypericum virginicum, L. Marsh St. John's-wort.
Swamps, etc.; common.

Urticaceæ.

Bœhmeria cylindrica, (L.) Sw. False Nettle.
Shady borders of ponds, etc.

Lentibulaceæ.

Utricularia inflata, Walt. Bladderwort.
Ponds, Myricks and Lakeville; com.
clandestina, Nutt. "
Ponds; common.
purpurea, Walt. "
Ponds; common.

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*Benj Cooke, Jr., and S. N. F. Sanford.

July 20th to Aug. 1st.

Lentibulariaceæ.

Utricularia resupinata, B. D. Greene. Bladderwort.
Margins of ponds; com.

vulgaris, L. var americana, Gray. Greater "
Ponds; common.

Anacardiaceæ.

Rhus glabra, L. Smooth Sumach.
Roadsides and barren soil; com.

Alismaceæ.

Sagittaria latifolia and varieties, Willd. Arrow-head.
Ponds, ditches, etc.; freq't.

Alisma Plantago-aquatica, L. Water Plantain.
Ponds, ditches, etc.; infreq't.

Orchidaceæ.

Habenaria clavellata, (Michx.) Spreng. Three-toothed Orchis.
Wet woods; common.

cristata, (Michx.) R. Br. Yellow Fringed-orchis.
Wet, sandy places; rare.

blepharigolottis, (Willd.) Torr. White "
Bogs and moist thickets; com.

lacera, (Michx.) R. Br. Ragged "
Bogs and moist thickets; com.

Microstylis unifolia, (Michx.) B. S. P. Adder's Mouth.
Sandy soil, Smith's Neck and Nonquitt, Dartmouth.

Gramineæ.

Glyceria obtusa, (Muhl) Trin. Glyceria.
Bogs; common.

†Zizania palustris, L. Indian Rice.
Whelden's Pond; rare.

Cyperaceæ.

Dulichium arundinaceum, (L.) Britton. Dulichium.
Wet borders of ponds; common.

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†R. C. Ingraham.

July 20th to Aug. 1st

Cyperaceæ.

Scirpus cyperinus, (L.) Kunth. Wool Grass.
Swamps; common.

Cladium mariscoides. (Muhl.) Torr. Twig Rush.
Marshes; common.

Hemicarpha micrantha, (Vahl.) Britton.
Lake Quittacus, Lakeville.

Irideæ.

Gladiolus, several varieties, Corn-flag. Gardens.

Compositæ.

Dahlia, several varieties, Dahlia. "

Bignoniaceæ.

Tecoma radicans, (L.) Juss. Trumpet Creeper. "

Aug. 1st to 10th

Ranunculaceæ.

Clematis virginiana, L. Virgin's Bower.
Climbing over shrubs; com.

Portulacaceæ.

Portulaca oleracea, L. Common Purslane.
Weed in cul'd grounds. Nat. f. Eu.

Leguminosæ.

Cassia marilandica, L. Wild Senna.
Not common.

Chamæcrista, L. Partridge Pea.
Nonquitt, etc.; common.

nictitans, L. Wild Sensitive-plant.
Sandy fields; common.

Apios tuberosa, Moench. Ground-nut.
Climbing over bushes; common.

Strophostyles helvola, (L.) Britton. Wild Bean.

Desmodium canadense, (L.) D. C. Tick Trefoil.
Open woods, etc.; common.

Sophora Japonica, Japanese Sophora. Lawns.

Aug. 1st to 10th

Umbelliferæ.

Ptilimnium capillaceum, (Michx) Raf. Mock Bishop's-weed.
Salt marshes; common.

Ligusticum scothicum, L. Scotch Lovage.
Near salt marshes; common.

Compositæ.

Helianthus strumosus, L. Wild Sunflower.
Common; copses.

decapetalus, L. " "
Common; copses.

divaricatus, L, " "
Common; copses.

tuberosus, L. Jerusalem Artichoke.
Roadsides, etc., till October; frequent.

annus, L. Common Sunflower.
Gardens and waste grounds.

tracheliifolius, Mill. Wild "
Recently adv.; fields.

†mollis, " "
Fall River. Adv. from West.

curcumenfolius. A garden sunflower. Gardens.

Gnaphalium polycephalum, Michx. Common Everlasting.
Old, dry fields, till Oct.; com.

purpureum, L. Purplish Cudweed.
Dry, sandy soil; com.

Solidago juncea, Ait. Early Golden rod.
Dry copses, etc.; com.

Ambrosia artemisiifolia, L. Roman Wormwood.
Roadsides, etc.; com.; b. t. Nov. 1.

Anaphalis margaritacea, (L.) B. & H. Pearly Everlasting.
Dry fields and woods; com.

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†Miss Louise H. Handy.

August 1st to 10th

Compositæ.

*Erechtites hieracifolia, (L.) Raf. Fire-weed.

Burned clearings and along seashore; b. till Oct.; com.

Arctium Lappa, L. Burdock.

A coarse weed; b. till Oct.; com.

var. minus, "

A coarse weed; b. till Oct.; com.

Artemisia caudata, Michx. Artemisia.

Sandy soil near shore; com.

Abrotanum, L. Southernwood.

Rarely escaped from gardens. Nat. f. Eu.

procera, L.

Rarely escaped from gardens. Nat. f. Eu.

vulgaris, L. Mugwort.

Waste places and roadsides. Nat. f. Eu.

biennis, Willd.

Wharves and waste places. Nat. f. Eu.

Absinthium, L. Wormwood.

Escaped from gardens. Nat. f. Eu.

annua, L.

Escaped from gardens. Nat. f. Eu.

Inula Helenium, L. Elecampane.

Damp pastures, &c.; infreq. Nat. f. Eu.

Chrysopsis falcata, (Pursh.) Ell. Golden Aster.

Dry, sandy soil, Marion, Onset and Nonquitt.

Erigeron canadensis, L. Horse-weed.

A common weed; b. till Oct.

Centaurea nigra, L. Knapweed.

Roadsides, casual. Nat. f. Eu.

vochinensis, Bernh.

Westport, fields, casual. Nat. f. Eu.

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*Fire weed is used by country people as an antidote for poison by Rhus Toxicodendron and for stings of insects, by bruising the stem and leaves and applying the juice to the affected part. In one or two instances which came under the observation of the writer, the remedy proved to be efficacious.

August 1st to 10th

Cucurbitaceæ.

Sicyos angulatus, L. One-seeded Bur Cucumber.
Gardens and waste places; freq't.

Echinocystis lobata, Michx.) T. & G. Wild Balsam-apple.
Gardens and waste places; freq't.

Ericaceæ.

Clethra alnifolia, L. Sweet Pepperbush.
A common shrub; b. t. Sept. 1.

Solanaceæ.

Datura Stramonium, L. Thorn-apple.
Waste grounds; freq't. Nat. f. Asia?

Tatula, L. Purple Thorn-apple.
Waste grounds; freq't. Nat. f. Trop. Am.

Physalis pruinosa, L. Strawberry Tomato.
Waste grounds; freq't.

Nicandra physalodes, (L.) Pers. Apple of Peru.
Waste grounds; freq't. Introd. f. Peru.

Scrophulariaceæ.

Chelone glabra, L. Snake-head.
Wet places; common.

Limosella aquatica, var. tenuifolia, (Wolf.) Pers. Mudwort.
Muddy borders of ponds, etc.

Asclepiadaceæ.

Asclepsias verticillata, L. Whorled Milkweed.
Dartmouth (Nonquitt).

Hypericaceæ.

Hypericum gentianoides, (L.) B. S. P. Orange-grass.
Sandy soil; common.

Labiatæ.

*Thymus Serpyllum, L. Creeping Thyme.
Fall River, waste ground. Nat. f. Eu.

*Stachys hyssopifolia, Michx. Hedge Nettle.
Fall River.

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*Miss Louise H. Handy.

August 1st to 10th

Labiatæ.

Physostegia virginiana, (L.) Benth. — False Dragon Head.
Roadsides and wet grounds; b. till Oct.

Mentha piperita, L. — Peppermint.
Along brooks, &c.; freq't. Nat. f. Eu.

gentilis, — Whorled Mint.
Waste places; freq't. Nat. f. Eu.

var. variegata, — " "
Garden escape.

arvensis var canadensis, (L.) Briquet, — Wild "
Wet places; common; freq't.

aquatica, L. — Water "
Marsh, Clark's Cove; freq't. Nat. f. Eu.

†spicata, L. — Spearmint.
Gardens; occa. spontaneous.

Hedeoma pulegioides, (L.) Pers. — American Pennyroyal.
Dry fields and pastures; freq't.

Chenopodiaceæ.

Chenopodium leptophyllum, Nutt. — Pigweed.
Near the coast.

album, L. — "
Common weed; b. till Nov.

murale, L. — "
Common weed; b. till Nov.

hybridum, L. — Maple-leaved Goosefoot.
Common weed; b. till Nov.

Botrys, — Jerusalem Oak.
Escaped from gardens.

ambrosiodes, L. — Mexican Tea.
Waste places; com. Nat. f. Trop. Am.

var. anthelminticum, (L.) Gray. — Wormseed.
Waste places; com. Nat. f. Trop. Am.

rubrum, L. — Coast Blite.
Salt marshes.

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†Spontaneous in two places in Dartmouth.

August 1st to 10th

Chenopodiaceæ.

Atriplex patula, L. — Orache.
Seashore; common.
var. littoralis, (L.) Gray. — "
Seashore; common.
arenaria, Nutt. — "
Seashore; common.
Salicornia mucronata, Bigel. — Samphire.
Salt marshes; common.
europaea, L. — "
Salt marshes; common.
ambigua, Michx. — "
Salt marshes; common.
Suæda linearis, (Ell.) Moq. — Sea Blite.
Salt marshes; common.
Salsola Kali, L. — Saltwort.
Sandy seashore; common.

Polygonaceæ.

‡Polygonum virginianum, L. — Knotweed.
Thickets.
tenue, Michx. — "
Dry soil; common.
pennsylvanicum, L. — "
Moist soil; common.
Careyi, Olney, — "
Wet places; common.
lapathifolium, L. — "
Wet places; common.
Muhlenbergii, (Meisn.) Wats. — "
Pond near Westport Factory.
orientale, L. — Prince's Feather.
Escaped from gardens; common. Introd. f. India.

Crassulaceæ.

Penthorum sedoides, L. — Ditch Stone-crop.
Borders of marshes, etc.; freq't.

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‡T. A. Greene.

August 1st to 10th

Crassulaceæ.

Sedum purpureum, Tausch. Live-forever.
Roadsides; escap. from gardens; freq't. Introd. f. Eu.

Plumbaginaceæ.

Limonium carolinianum, (Walt.) Britton. Marsh-Rosemary.
Salt marshes; com. t. Sept. 15.

Orchidaceæ.

Epipactis pubescens, (Willd.) A. A. Eaton. Rattlesnake Plantain.
Dry woods; frequent.

Spiranthes gracillis, (Bigel) Beck. Ladies' Tresses.
Common in dry soil, Aug. 1.

Gramineæ.

Digitaria sanguinalis, (L.) Scop. Finger Grass.
Cult. and waste grounds; com. Nat. f. Eu.

Panicum agrostoides, Spreng. Panic Grass.
Wet meadows; common.

clandestinum, L. " "
Moist ground; common.

virgatum, L. Switch Grass.
Moist, sandy soil; common.

[illegible] Crus-Galli, L. [illegible] Barnyard Grass.
Cult. and waste grounds; common. Nat. f. Eu.

[illegible] Japanese Barnyard Millet.
Cult. and waste grounds. Adv. f. Asia.

[illegible] Bristly Foxtail Grass.
Cult. and waste grounds; common. Nat. f. Eu.

[illegible] Green Foxtail Grass.
Cult. and waste grounds; common. Nat. f. Eu.

[illegible] Millet.
[illegible] Nat. f. Eu.

[illegible] Paspalum.
Sandy [illegible]

[illegible] Wild Rye.
Sandy [illegible] common.

August 1st to 10th

Gramineæ.

Elymus canadensis, L. — Wild Rye.
Sandy places near the shore; common.

†striatus, Willd, — " "
Rocky woods, &c.; common.

Spartina patens, (Ait.) Muhl. var. juncea, (Michx.) Hitchc. — Rush Salt Grass.
Salt marshes; common.

cynosuroides, (L.) Roth. — Salt Reed Grass.
Salt marshes; common.

glabra, Muhl. — Salt Marsh Grass.
Salt marshes; common.

Muhlenbergia mexicana, (L.) Trin. — Muhlenbergia.
Low grounds; common.

Hystrix patula, Moench. — Bottle-brush Grass.
Moist woodlands.

Eleusine indica, Gaertn. — Goose Grass.
Yards and waste grounds. Nat. f. Eu.

Juncaceæ.

Juncus pelocarpus, Mey. — Rush.
Wet, sandy places; common.

Lycopodiaceæ.

*Lycopodium lucidulum, Michx. — Club-Moss.
Damp woods; common.

inundatum, L. — "
Sandy bogs; common.

obscurum, L.
var. dendroideum, (Michx.) D. C. Eaton. — Tree Club-Moss.
Moist woods; common.

clavatum, L. — Club-Moss.
Dry woods; common.

complanatum, L. — Ground Pine.
Dry woods; common.

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†H. Willey.

*The Lycopodiums may be found at any time during the year, also Selaginella rupestris.

August 1st to 10th

Lycopodiaceæ.

Lycopodium complanatum, var. flabelliforme, Fernald. Ground Pine.
Dry woods.

tristachyum, Pursh. "
Dry, sandy soil; common.

Selaginellaceæ.

Selaginella rupestris, (L.) Spring. Selaginella.
Dry rocks; common.

apus, (L.) Spring. "
Wet, shady places; common.

Ophioglossaceæ.

Botrychium ternatum, (Thunb.) Sw. var. intermedium, D. C. Eaton.
Moonwort.
Pastures, &c.; common.

obliguum, Muhl. "
Pastures, &c.; common.

var. dissectum, (Spreng) Clute. "

Convolvulaceæ.

Ipomœa purpurea, (L.) Roth. Morning Glory.
Escaped from gardens. Introd. f. Trop. Am.

Bona-nox and others, Prickly Moon-flower. Gardens.

Ranunculaceæ.

Clematis flamula, "

Malvaceæ.

Hibiscus Syriacus, Shrubby Althea. "

Saxifragaceæ.

Hydrangea paniculata,
var. grandiflora, Hydrangea. "

Sapindaceæ.

Koelreuteria paniculata, T. M. Stetson's Lawn.

Caprifoliaceæ.

Symphoricarpus orbiculatus, Moench. Indian Currant.
By roadside.

August 10th to 20th

Malvaceæ.

Hibiscus Moscheutos, L. — Swamp Rose-mallow.
Brackish marshes; frequent.

Trionum, L. — Flower-of-an-hour.
Escaped from gardens. Adv. f. Eu.

Malva crispa, L. — Curled Mallow.
Escaped from gardens. Adv. f. Eu.

sylvestris, L. — High "
Escaped from gardens. Adv. f. Eu.

Abutilon Theophrasti, Medic. — Velvet Leaf.
Escaped from gardens. Adv. f. India.

Anacardiaceæ.

Rhus copallina, L. — Dwarf Sumach.
Common by roadsides, etc.

Leguminosæ.

Arachis hypogaea, — Common Peanut.
Waif in dumping ground.

Amphicarpa monoica, (L.) Ell. — Hog Peanut.
Common twining over bushes.

Desmodium nudiflorum, (L.) DC. — Tick Trefoil.
Dry woods, roadsides, etc.; com.

rotundifolium, (Michx.) DC. — " "
Dry woods, roadsides, etc.; com.

grandiflorum, (Walt.) DC. — " "
Dry woods, roadsides, etc.; com.

paniculatum, (L.) DC. — " "
Copses, roadsides, etc.; com.

rigidum, (Ell.) DC. — " "
Copses, roadsides, etc.; com.

marilandicum, (L.) DC. — " "
Copses, roadsides, etc.; com.

obtusum, (Muhl.) DC. — " "
Copses, roadsides, etc.; com.

Lespedeza procumbens, Michx. — Bush Clover.
Dry soil; common.

August 10th to 20th

Leguminosæ.

Lespedeza violacea, (L.) Pers. — Bush Clover.
Dry soil; common.

*Stuvei, Nutt. — " "
Dry soil; common.

hirta, (L.) Hornem. — " "
Dry soil; common.

capitata, Michx. — " "
Dry soil; common.

angustifolia, (Pursh.) Ell. — " "
Dry soil; common.

virginica, (L.) Britton. — " "
Dry soil; common.

Compositæ.

Hieracium canadense, Michx. — Canada Hawkweed.
Dry pastures, &c., till Oct.; com.

Gronovii, L. — Hairy "
Dry pastures, &c., till Oct.; com.

scabrum, Michx. — Rough "
Dry pastures, &c., till Oct.; com.

†Prenanthes trifoliolata, (Cass.) Fernald. — Gall-of-the-earth.
Borders of woods and roadsides; b. till last Oct.

†serpentaria, Pursh. — Lion's-foot.
Dry soil; freq.; b. t. last Oct.

Circium discolor, (Muhl.) Spreng. — Tall Thistle.
Fields, &c.; frequent.

Iva oraria, Bartlett. — Marsh Elder.
Salt marshes; common.

Pluchea camphorata, (L.) DC. — Salt-marsh Fleabane.
Salt marshes; common.

Bidens trichosperma, (Michx.) Britton. — Tickseed Sunflower.
Myricks, in a wet meadow.

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*Dr. E. L. Sturtevant.

†A farmer informed the writer that he used these plants steeped in milk as a remedy for poison from Poison Dogwood; an application of the rather adhesive preparation forming a coating, which prevented the spreading of the poison to other parts.

August 10th to 20th

Compositæ.

Aster umbellatus, L. — Aster.
Moist thickets; common.

divaricatus, L. — "
Moist thickets; common.

spectabilis, Ait. — "
Sandy soil; common.

macrophyllus, L. — "
Borders of woods, etc.; not com.

Herveyi, Gray. Named for the author, E. W. Hervey. — "
Borders of woods, etc.; not com.

Eupatorium purpureum, L. — Trumpet-weed.
Common in low grounds.

hyssopifolium, L. — Eupatorium.
Naushon; sterile soil; com.

verbenaefolium, Michx. — "
Common in low grounds.

aromaticum, L. — "
Copses, etc.; com.

urticaefolium, Reichard. — White Snakeroot.
Garden escape.

*rotundifolium, L. — Eupatorium.
Dry soil.

perfoliatum, L. — Thoroughwort.
Low grounds; common.

Convolvulaceæ.

Cuscuta Gronovii, Willd. — Dodder. Love Vine.
On herbs and bushes, wet places; com.

compacta, Juss. — Dodder. " "
On herbs and bushes, wet places; freq't.

Scrophulariaceæ.

Gerardia paupercula, (Gray) Britton. — Purple Gerardia.
Low grounds; common.

maritima, Raf. — Sea-side Gerardia.
Salt marshes; common.

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*Dr. E. L. Sturtevant.

August 10th to 20th

Scrophulariaceæ.

Gerardia virginica, (L.) B. S. P. — Smooth False Foxglove.
Dry woods; common.

tenuifolia, Vahl. — Slender Gerardia.
Dry ground; common.

Urticaceæ.

Pilea pumila, (L.) Gray. — Clearweed.
Moist, shady places; com.

Euphorbiaceæ.

Acalypha virginica, (L.) — Three-seeded Mercury.
Fields, cult. grounds, etc.; com.

Orchidaceæ.

**Corallorrhiza odontorhiza, Nutt. — Coral Root.
Woods.

Cyperaceæ.

Cyperus strigosus, L. 10th. — Galingale.
Low ground; common.

filiculmis, Vahl. — "
Dry, sterile soil; common.

diandrus, Torr. — "
Low ground; common.

Nuttallii, Eddy. — "
Brackish marshes; common.

dentatus, Torr. — "
Sandy swamps; common.

Grayii, Torr. — "
Sandy places.

Fimbristylis autumnalis, (L.) R. & S. — Fimbristylis.
Low ground; common.

Stenophyllus capillaris, (L.) Britton. — "
Sandy fields; common.

Gramineæ.

Distichlis spicata, (L.) Greene. — Spike Grass.
Salt marshes; common.

**Henry Willey.

August 10th to 20th

Gramineæ.

Cinna arundinacea, L. — Wood Reed Grass.
Moist woods; common.

Eragrostis pectinacea, (Michx.) Steud. — Eragrostis.
Dry, sandy fields; common.

capillaris, (L.) Nees. — "
Dry, sandy fields; common.

megastachya, (Koeler) Link. — "
Waste places. Nat. f. Eu.

pilosa, (L.) Beauv. — "
Waste places.

Muhlenbergia Schreberi, J. F. Gmel. — Nimble Will.
Found in a dooryard.

Andropogon furcatus, Muhl. — Beard Grass.
Sterile soil; common.

scoparius, Michx. — " "
Sterile soil; common.

virginicus, L. — " "
Sterile soil; common.

Ceratophyllaceæ.

Ceratophyllum demersum, L. — Hornwort.
Ponds, &c.

Polygonaceæ.

Polygonum ramosissimum, Michx. — Tall Knotgrass.
Sandy shores, Dartmouth; frequent.

erectum, L. — Knotgrass.
Roadsides, etc.; common.

dumetorium, L. — False Buckwheat.
Buttonwood Park.

Ranunculaceæ.

Clematis tubulosa, Tubular Flowered Clematis. — Gardens.

Davidiana, David's Clematis. — "

Amaryllidaceæ.

Amaryllis Hallii, Hall's Amaryllis, — "

Canneæ.

Canna Indica, Indian Shot. — "

Aug. 20th to Sept. 1st

Orobanchaceæ.

Epifagus virginiana, (L.) Bart. — Beech-drops.
Under beech trees; frequent.

Labiatæ.

Trichostema dichotomum, L. — Bastard Pennyroyal.
Sandy fields; common.

Amaranthaceæ.

Amaranthus retroflexus, L. — Pigweed.
Waste and cult. grounds; common.
hybridus, L. — "
Waste and cult. grounds; common.
graecizans, L. — Tumble Weed.
Waste and cult. grounds; common.
*Blitoides, Wats. — Pigweed.
Waste grounds.

Compositæ.

Xanthium canadense, Mill. — Cocklebur.
Waste places; common.
echinatum, Murr. — "
Sandy seashore; common.
Aster linariifolius, L. — Aster.
Dry soil; b. till Oct. 15; common.
patens, Ait. — "
Dry soil; b. till Oct. 15; common.
acuminatus, Michx. — "
Moist woods; common.
dumosus, L. — "
Dry soil; common.
novi-belgii, L. — "
Moist or wet grounds, till November; common.
var. lævigatus, (Lam.) Gray. — "
Moist or wet grounds, till November; common.
var. litoreus, Gray. — "
Moist or wet grounds, till November; common.

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*Dr. E. L. Sturtevant.

Aug. 20th to Sept. 1st

Compositæ.

Bidens frondosa, L. Beggar-ticks.
Damp ground; common.

connata, Muhl. Swamp-Beggar-ticks.
Ditches and swamps; common.

cernua, L. Stick-tight.
Wet places; common.

lævis, (L.) B. S. P. Bur Marigold.
Wet places; common.

Solidago ulmifolia, Muhl. Golden-rod.
Fields and roadsides; common.

rugosa, Mill. "
Fields and roadsides; common.

var. sphagnophila, Graves. "
Fields and roadsides; common.

aspera, Ait. "
Common.

odora, Ait. Sweet "
Dry soil; b. till Oct. 1st; common.

bicolor, L. White "
Dry soil; b. till Oct. 1st; common.

nemoralis, Ait. "
Dry soil; b. till Oct. 1st; common.

graminifolia, (L.) Salisb. "
Roadsides, etc.; moist soil; common; b. till Oct. 1st.

Mikania scandens, (L.) Willd. Climbing Hemp-weed.
Climbing bushes along streams; common.

Vernonia noveboracenis, Willd. Ironweed.
Low, wet grounds; frequent.

Liatris scariosa, Willd. Blazing Star.
Dry soil; not common.

Cirsium muticum, Michx. Swamp Thistle.
Swamps and wet grounds; common.

Dipsacaceæ.

Succisa australis, (Wulf.) Reichenb. Devil's-bit.
One station only. Nat. f. Eu.

Aug. 20th to Sept. 1st.

Gramineæ.

Phragmites communis, Trin. — Reed.
Borders of marshes, etc., Nonquitt; and Scontieut Neck: common.

Sorghastrum nutans, (L.) Nash. — Indian Grass.
Dry, sterile soil; common.

Panicum dichotomiflorum, Michx. — Panic Grass.
Low ground; common.

capillare, L. — Old-witch Grass.
Fields and sandy soil; common.

miliaceum, L. — Millet.
Waste places; common. Adv. f. Eu.

Calamagrostis cinnoides, (Muhl) Barton. — Reed Bent-Grass.
Moist ground.

Ammophila arenaria, (L.) Link. — Sea Sand-reed.
Sandy beaches; common.

Muhlenbergia sobolifera, (Muhl.) Trin. — Drop-seed Grass.
Rocky woods; common.

†sylvatica, Torr. — " "
Rocky woods; common.

tenuiflora, (Willd.) B. S. P. — " "
Rocky woods; common.

racemosa, (Michx.) B. S. P. — " "
Nonquitt; low ground; common.

Sporobolus uniflorus, (Muhl.) Scrib. and Merr. — " "
Sandy, wet places.

Leersia oryzoides, (L.) Sw. — Rice Cut-grass.
Low, wet places, ditches; common.

*virginica, Willd. — White Grass.
Wet woods.

Triplasis purpurea, (Walt.) Chapm. — Sand Grass.
Sand near seashore; common.

Orchidaceæ.

Spiranthes cernua, (L.) Richard. — Ladies' Tresses.
Low, wet grounds; common.

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†R. C. Ingraham. *H. Willey.

Aug. 20th to Sept. 1st

Orchidaceæ.

‡Spiranthes praecox, (Walt.) Wats. and Coult. — Ladies' Tresses.
Pocasset.

‡Beckii, Lindl. — " "
Pocasset.

Scrophulariaceæ.

Gerardia pedicularia, L. — Gerardia.
Dry copses; common.

Araliaceæ.

Aralia spinosa, L. — Hercules' Club. — Lawns.

September 1st to 15th

Lythraceæ.

Cuphea petiolata, (L.) Koehne. — Clammy Cuphea.
Dry field, Dartmouth.

Compositæ.

Aster multiflorus, Ait. — Aster.
Dry, sandy soil; b. t. Oct. 15; common.

vimineus, Lam. — "
Common; moist soil; b. t. Oct. 15.

lateriflorus, (L.) Britton. — "
Common; fields, etc.; b. t. Oct. 15.

Tradescanti, L. — "
Low grounds; b. t. Oct. 15.

tardiflorus, L. — "
Not common; b. t. Oct. 15.

tenuifolius, L. — "
Salt marshes; b. t. Oct. 15.

subulatus, Michx. — "
Salt marshes; b. t. Oct. 15.

novæ angliæ, L. — "
Moist grounds; not common; b. t. Oct. 15.

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‡C. S. Young.

September 1st to 15th

Compositæ.

Aster undulatus, L. — Aster.
Very common in dry soil; b. t. Oct. 15.
cordifolius, L. ? — "
Borders of woodlands; b. t. Oct. 15.
lævis, L. — "
Dry soil; b. t. Oct. 15.
*puniceus var. lævicaulis, — "
Rare; b. t. Oct. 15.
radula, Ait. — "
Borders wet woods, etc.; b. t. Oct. 15.
ericoides, L. & var. villosus, T. & G.
Dry, open places, Wareham, etc.
Baccharis halimifolia, L. Sept. 10. — Sea Groundsel-tree.
Near seashore, Barney's Joy. One bush was found by roadside near Bakertown, in Dartmouth.
Solidago serotina, Ait. — Golden-rod.
Copses, etc.; b. t. 1st Oct.; common.
var. gigantea, (Ait.) Gray. — "
Thickets and low ground; b. t. 1st Oct.; common.
tenuifolia, Pursh. — "
Wet, sandy places common.
puberula, Nutt. — "
Dry woods; common.
neglecta, T. & G. — "
Swamps; common.
Eliottii, T. & G. — "
Moist soil; common.
speciosa, Nutt. — "
Thickets, etc.; common.
cæsia, L. — "
Rich woodlands; common.
sempervirens, L. — "
Salt marshes; common.
†Eclipta alba, (L.) Haask.
Fall River.

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*Dr. E. L. Sturtevant. †S. N. F. Sanford.

September 1st to 15th

Polygonaceæ.

Polygonella articulata, (L.) Meisn. Polygonella.
Sands of the seashore, etc.; common.
Polygonum maritimum, L. Seaside Knotweed.
Sands of the seashore, etc.; common.
prolificum, (Small) Robinson.
Seashore; common.
cuspidatum, Sieb. & Zucc. Gardens. Introd. f. Japan.

Gramineæ.

Aristida dichotoma, Michx. Poverty Grass.
Sandy soil; common.
gracilis, Ell. Triple Awned Grass.
Sandy soil; common.
purpurasens, Poir. " "
Sandy soil; common.
Digitaria filiformis, (L.) Koeler. Panic Grass.
Sandy soil; common.
humifusa, Pers. "
Waste places. Nat. f. Eu. Common.
Sporobolus asper, (Michx.) Kunth. Drop-seed Grass.
Dry, sandy fields; common.
vaginiflorus, (Torr.) Wood. " "
Dry, sandy fields; common.
Hordeum jubatum, L. Squirrel-tail Grass.
Waste places. Nat. f. West.

Nyctaginaceæ.

Oxybaphus nyctagineus, (Michx.) Sweet.
Middleboro by roadside. Adv. from West.

Gentianaceæ.

Gentiana crinita, Froel. Fringed Gentian.
Low ground; Sept. 10 to Nov. 1; common.
Andrewsii, Griseb. Closed "
Low ground; Sept. 10 to Nov. 1; frequent.

Celastraceæ.

Euonymus Seboldianus, 1st, Japanese Burning-bush. Gardens.

September 1st to 15th

Caprifoliaceæ.

Hedera Helix, 20th, English Ivy. Com. on brick and stone bldgs.

Liliaceæ.

Colchicum autumnale, 25th, Fall Crocus. Gardens.

Ranunculaceæ.

Clematis paniculata. "

Fungi.

During the months of August and September, and especially after rainy weather, many species of Mushrooms abound, several of which are known to be edible. The cottagers who spend the Summer at Nonquitt consider the *Agaricus* campestris a great delicacy, and collect it in considerable quantities.

October

Hamamelidaceæ.

Hamamelis virginiana, L. Witch-hazel.
Damp woods; common; b. till last of November.

Polygonaceæ.

Polygonum amplexicaule, var. oxyphyllum, Gardens, about Oct. 10th.

Compositæ.

Cosmos hybridus, Cosmos. " " "
Chrysanthemums, " " "

The leaves of deciduous trees, notably of the Elm and Ash, commence to fall early in September, but rather lightly. During the month of October they put on their most brilliant autumnal tints of lemon, orange, and brown yellows, and dark red, crimson, scarlet, russet, purple, and grays. Of the yellow class are the elm, beech, chestnut, witch hazel, sugar maple, hickories, and birches, while the red maple, tupelo, oaks, American Hornbeam, the various species of Rhus, Virginian creeper, the cultivated Ampelopsis Veitchei or Boston ivy, blackberry, huckleberry, blueberries, especially Vaccinium corymbosom, etc., assume reddish tones.

The maples are generally more or less variegated with both red and yellow, making these trees especially attractive, but the prevailing hue of the sugar maple is an orange yellow, and that of the red maples a bright red or scarlet, though some individual trees are wholly yellow. The highest and brightest coloring of the foliage here is from the fifteenth to the twentieth of October, or about ten days later than it is in the central and western parts of this State, which fact may be due to the proximity of the sea. By the first week in November the trees are quite bare of foliage, with the exception of the oaks and beeches, and those of foreign origin, such as Ulmus campestris, Tilia parvifolia, Populus alba, Salix Babylonica, Cratægus Oxyacantha, Euonimus, Acer platanoides, Fagus sylvatica, Lonicera Japonica, etc.; these last mentioned retain their more slowly ripening leaves for a fortnight longer, while the leaves of the oaks and beeches which are sheltered from the wind, persist on the branches, though dry and dead, nearly through the Winter. It has been observed that the foliage of the trees often changes color before the appearance of frost; this is owing for the most part to drought, which is not uncommon in the Fall and which affects especially trees of the uplands and dry, sandy soil, while the same kinds of trees growing in lowlands and moist soil continue green till the arrival of the first light frosts.

Arrangement by Families, Genera, and Species

OF THE

Plants Growing Spontaneously

Pteridophyta---Ferns and Fern Allies

*Plants designated by * are garden escapes, rarely met with except about gardens*

Polypodiaceæ.

Polypodium vulgare, L.
Phegopteris polypodioides, Fée.
hexagonoptera, (Michx.) Fée.
Dryopteris, (L.) Fée.
Adiantum pedatum, L.
Pteris aquilina, L.
Woodwardia virginica, (L.) Sm.
areolata, (L.) Moore.
Asplenium Trichomanes, L.
platyneuron, (L.) Oakes.
acrostichoides, Sw.
Felix-femina, (L.) Bernh.
Polystichum acrostichoides, (Michx.) Schott.
Aspidium Thelypteris, (L.) Sw.
noveboracense, (L.) Sw.
marginale, (L.) Sw.
cristatum, (L.) Sw.
spinulosum, (O. F. Müller) Sw.
var. intermedium, (Muhl.) D. C. Eaton.
var. dilatatum, (Hoffm.) Hook.
Cystopteris fragilis, (L.) Bernh.
Woodsia obtusa, (Spreng) Torr.
Dicksonia punctilobula, (Michx.) Gray.
Onoclea sensibilis, L.

Osmundaceæ.

Osmunda regalis, L.
Claytoniana, L.
cinnamomea, L.

Ophioglossaceæ.

Ophioglossum vulgatum, L.
Botrychium obliquum, Muhl.
var. dissectum, (Spreng) Clute.
Ternatum, (Thunb.) Sw.
var. intermedium, D. C. E.
virginianum, (L.) Sw.

Equisetaceæ.

Equisetum arvense, L.
sylvaticum, L.
fluviatile, L. (Pipes.)

Lycopodiaceæ.

Lycopodium lucidulum, Michx.
inundatum, L.
clavatum, L.
obscurum, L. var dendroideum, (Michx.) D. C. Eaton.
complanatum, L.
var. flabelliforme, Fernald.
tristachyum, Pursh.

Selaginellaceæ.

Selaginella rupestris, (L.) Spring.
apus, (L.) Spring.

Isoetaceæ.

Isoëtes Engelmanni ? A. Br.

Phanerogamia---Flowering Plants

Pinaceæ.

Pinus Strobus, L.
rigida, Mill.
sylvestris, L.
Picea canadensis, (Mill.) B. S. P.
Abies, (L.) Karst.
Tsuga canadensis, (L.) Carr.
Abies balsamea, (L.) Miller.
Larix laricina, (Du Roi.) Koch.
Chamæcyparis thyoides, (L.) B. S. P.
Thuja occidentalis, L.
Juniperus communis, L. var depressa, Pursh.
virginiana, L.

Monocotyledonous

Orchidaceæ.

Microstylis monophyllos, (L.) Lindl.
unifolia, (Michx.) B. S. P.
Liparis liliifolia, (L.) Richard.
Lœselii, (L.) Richard.
Corallorhiza trifida, Chatel.
odontorhiza, Nutt.
Listeria cordata, (L.) R. Br.
convallarioides, (Sw.) Torr.
Spiranthes cernua, (L.) Richard.
gracilis, (Bigel.) Beck.
Beckii, Lindl.
Goodyera pubescens, R. Br.
Arethusa bulbosa, L.
Calopogon pulchellus, (Sw.) R. Br.
Pogonia ophioglossoides, (L.) Ker.
verticillata, (Willd.) Nutt.

Orchidaceæ.

Habenaria clavellata,
(Michx.) Spreng.
flava, (L.) Gray.
ciliaris, (L.) R. Br.
blephariglottis, (Willd.) Torr.
lacera, (Michx.) R. Br.
psycodes, (L.) Sw.
fimbriata, (Ait.) R. Br.
Cypripedium acaule, Ait.

Iridaceæ.

Iris versicolor, L.
prismatica, Pursh.
Sisyrinchium angustifolium, Mill.
gramineum, Curtis.

Amaryllidaceæ.

Hypoxis hirsuta, (L.) Coville.

Dioscoreaceæ.

Dioscorea villosa, L.

Liliaceæ.

Smilax herbacea, L.
rotundifolia, L.
glauca, Walt.
Aletris farinosa, L.
Allium canadense, L.
vineale, L.
Ornithogalum umbellatum, L.
Hemerocallis fulva, L.
Polygonatum biflorum, (Walt) Ell.
Asparagus officinalis, L.
Smilacina racemosa, (L.) Desf.
stellata, (L.) Desf.
Maianthemum canadense, Desf.
Oakesia sessilifolia, (L.) Watson.
Erythronium americanum, Ker.
Lilium philadelphicum, L.
superbum, L.
Tigrinum, Ker.

Liliaceæ.

Medeola virginiana, L.
Trillium cernuum, L.
undulatum, Willd.
*Convallaria majalis, L.

Pontederiaceæ.

Pontederia cordata, L.

Xyridaceæ.

Xyris caroliniana, Walt.

Commelinaceæ.

*Commelina communis, L.
*Tradescantia virginica, L.

Juncaceæ.

Juncus effusus, L.
marginatus, Rostk.
Greenii, Oakes & Tuck.
tenuis, Willd.
Gerardi, Loisel.
bufonius, L.
pelocarpus, E. Meyer.
articulatus, L.
var. obtusatus, Engelm.
acuminatus, Michx.
scirpoides, Lam.
canadensis, J. Gay.
var. subcaudatus, Engelm.
balticus, Willd. var littoralis, Engelm.
Luzula campestris, (L.) D C.
var. multiflora,
(Ehrh.) Celak.

Typhaceæ.

Typha latifolia, L.
angustifolia, L.
Sparganium americanum, Nutt.
var. androcladum,
(Engel.) Fer. & Eames.
diversifolium, Graeb.

Araceæ.

Arisæma triphyllum, (L.) Schott.
Peltandra virginica, (L.) Kunth.
Calla palustris, L.
Symplocarpus fœtidus, (L.) Nutt.
Acorus Calamus, L.

Lemnaceæ.

Lemna triscula, L.

Alismaceæ.

Alisma Plantago-aquatica, L.
Sagittaria latifolia, Willd.
graminea, Michx.

Juncaginaceæ.

Triglochin maritima, L.

Najadaceæ.

Potamogeton natans, L.
Oakesianus, Robbins.
epihydrus, Raf.
hybridus, Michx.
americanus, C. & S.
heterophyllus, Schreb.
pusillus, L.
confervoides, Reichenb.
Robbinsii, Oakes.
pectinatus, L.
Ruppia maritima, L.
Zannichellia palustris, L.
Zostera marina, L.

Eriocauleæ.

Eriocaulon articulatum, (Huds.) Morong.

Cyperaceæ.

Cyperus diandrus, Torr.
Nuttallii, Eddy.
filiculmis, Vahl.
dentatus, Torr.
Grayii, Torr.
strigosus, L.
Dulichium arundinaceum, (L.) Britton.
Eleocharis tuberculosa, (Michx.) R. & S.
ovata, (Roth.) R. & S.
olivacea, Torr.
palustris, (L.) R. & S.
rostellata, Torr.
tenuis, (Willd.) Schult.
acicularis, (L.) R. & S.
Fimbristylis autumnalis, (L.) R. & S.
Stenophyllus capillaris, (L.) Britton.
Scirpus planifolius, Muhl.
subterminalis, Torr.
nanus, Spreng.
pauciflorus, Lightf.
cyperinus, (L.) Kunth.
americanus, Pers.
validus, Vahl.
campestris, Britton.
sylvaticus, L.
atrovirens, Muhl.
Eriophorum virginicum, L.
viridi-carinatum, (Engel.) Fernald.
gracile, Roth.
Hemicarpa micrantha, (Vahl.) Britton.
Rhynchospora alba, (L.) Vahl.
glomerata, (L.) Vahl.
Cladium mariscoides, (Muhl.) Torr.
Carex folliculata, L.
intumescens, Rudge.
rostrata, Stokes. var. utriculata, (Booth) Bailey.
bullata, Schk.
lurida, Wahl.

Cyperaceæ.

Carex hystericina, Muhl.
comosa, Boott.
vestita, Willd.
filiformis, L.
lanuginosa, Michx.
Goodenowii, J. Gay.
stricta, Lam.
crinita, Lam.
virescens, Muhl.
arctata, Boott.
debilis, var. Rudgei, Bailey.
gracillima, Schw.
pallescens, L.
conoidea, Schk.
Oederi, Retz. var. pumila, (Cos. & Ger.) Fernald.
lupulina, Muhl. var. pedunculata, Dewey.
laxiflora, Lam.
var. varians, Bailey.
var. blanda, (Dewey) Boott.
tetanica, Schk.
aurea, Nutt.
varia, Muhl.
pennsylvanica, Lam. var. leucorum, (Willd.) Fernald.
communis, Bailey.
leptalea, Wahl.
stipata, Muhl.
vulpinoidea, Michx.
rosea, Schk.
Muhlenbergii, Schk.
cephalophora, Muhl.
stellulata, Good. var. cephalantha, (Bailey) Fernald.
canescens, L.
var. disjuncta, Fernald.
brunnescens, Poir.
trisperma, Dewey.
tribuloides, Wahl.
scoparia, Schk.
silicea, Olney.
albolutescens, Schw.
stramina, Willd.

Gramineæ.

Spartina cynosuroides, (L.) Roth.
patens, (Ait.) Muhl. var. juncea, (Michx.) Hitchc.
glabra, (Muhl.) var. pilosa, Merr.
Paspalum setaceum, Michx.
Panicum barbulatum, Michx.
spretum, Shultes.
dichotomiflorum, Michx.
capillare, L.
agrostoides, Spreng.
virgatum, L.
latifolium, L.
clandestinum, L.
Scribnerianum, Nash.
huachucae, Ashe.
depauperatum, Muhl.
dichotomum, L.
Echinochloa crusgalli, (L.) Beauv.
frumentacea, (Roxb.) Link.
Setaria glauca, (L.) Beauv.
viridis, (L.) Beauv.
Italica, Kunth.
Leersia virginica, Willd.
oryzoides, (L.) Swartz.
Zizania palustris, L.

Gramineæ.

Andropogon furcatus, Muhl.
scoparius, Michx.
virginicus, L.
Sorghastrum nutans, (L.) Nash.
Phalaris canariensis, L.
arundinacea, L.
var. picta.
Anthoxanthum odoratum, L.
Hierochloe odorata, (L) Wahl.
Aristida dichotoma, Michx.
gracillis, Ell.
purpurascens, Poir.
Stipa avenacea, L.
Muhlenbergia sobolifera, (Muhl.) Trin.
mexicana, (L.) Trin.
sylvatica, Torr.
tenuiflora, (Willd.) B. S. P.
racemosa, (Michx.) B. S. P.
Schreberi, J. F. Gmel.
Brachyelytrum erectum, (Schreb.) Beauv.
Phleum pratense, L.
Alopecurus geniculatus, L.
Sporobolus asper, (Michx.) Kunth.
vaginiflorus, (Torr.) Wood.
uniflorus, (Muhl.) Scrib. & Merr.
Agrostis, alba, L.
var. vulgaris, (With.) Thurb.
perennans, (Walt.) Tuckerm.
hyemalis, (Walt.) B. S. P.
Cinna arundinacea, L.
Calamagrostis canadensis, (Michx.) Beauv.
cinnoides, (Muhl.) Barton.
Ammophila arenaria, (L.) Link.
Holcus lanatus, L.
Deschampsia flexuosa, (L.) Trin.
Avena sativa, L.
Danthonia spicata, (L.) Beauv.
compressa, Aust.
Triplasis purpurea, (Walt.) Chapm
Phragmites communis, Trin.
Eragrostis capillaris, (L.) Nees.
pilosa, (L.) Beauv.
megastachya, (Koeler) Link.
pectinacea, (Michx.) Steud.
Melica striata, (Michx.) Hitchc.
Digitaria filiformis, (L.) Koeler.
humifusa, Pers.
sanguinalis, (L.) Scop.
Distichlis spicata, (L.) Greene.
Dactylis glomerata, L.
Poa annua, L.
compressa, L.
triflora, Gilib.
pratensis, L.
trivialis, L.
Glyceria canadensis, (Michx.) Trin.
obtusa, (Muhl.) Trin.
Torreyana, (Spreng) Hitchc.
nervata, (Willd.) Trin.
pallida, (Torr.) Trin.
grandis, Watson.
fluitans, (L.) R. Br.
acutiflora, Torr.
Sphenopholis palustris, (Michx.) Scribn.
Puccinellia maritima, (Huds.) Parl.
distans, (L.) Parl.
Festuca ovina, L.
var. duriuscula, (L.) Koch.
elatior, L.
octoflora, Walt.

Gramineæ.

Bromus secalinus, L.
hordeaceus, L.
racemosus, L.
tectorum, L.
brizaeformis, Fish. & Mey.
Agropyron repens, (L.) Beav.
Triticum vulgare.
Hordeum jubatum, L.
Elymus virginicus, L.
canadensis, L.
striatus, Willd.
Hystrix patula, Moench.
Eleusine indica, Gaertn.

Dicotyledonous

Ranunculaceæ.

Clematis virginiana, L.
Anemone virginiana, L.
quinquefolia, L.
Anemonella thalictroides, (L.) Spach.
Thalictrum dioicum, L.
revolutum, D C.
polygamum, Muhl.
Ranunculus aquatilis, L. var. capillaceus, D C.
Cymbalaria, Pursh.
laxicaulis, (T. & G.) Darby.
abortivus, L.
sceleratus, L.
recurvatus, Poir.
septentrionalis, Poir.
bulbosus, L.
acris, L.
Caltha palustris, L.
Coptis trifolia, (L.) Salisb.
Aquilegia canadensis, L.
vulgaris, L.
*Delphinium Ajacis, L.
Actæa alba, (L.) Mill.

Berberidaceæ.

Berberis vulgaris, L.

Nymphæaceæ.

Brasenia Schreberi, Gmel.
Castalia odorata, (Ait.) W. & W.
forma rosea, (Pursh.) Britt.
Nymphaea advena, Ait.

Sarraceniaceæ.

Sarracenia purpurea, L.

Papaveraceæ.

Chelidonium majus, L.
Sanguinaria canadensis, L.
Glaucium flavum, Crantz.
Papaver Rhoeas, L.
Argemone mexicana, L.

Fumariaceæ.

Adlumia fungosa, (Ait.) Greene.
Corydalis sempervirens, (L.) Pers.

Cruciferæ.

Cardamine pennsylvanica, Muhl.
parviflora, L.
Arabis glabra, (L.) Bernh.
Draba verna, L.
Lobularia maritima, (L.) Desv.
Erysimum cheiranthoides, L.
Alyssum alyssoides, L.
Camelina sativa, (L.) Crantz.
microcarpa, Andrz.

Cruciferæ.

Radicula (Nasturtium).
Nasturtium-aquaticum, (L.) Britt. & Ren.
sylvestris, (L.) Druce.
palustris, (L.) Moench.
Armoracia, (L.) Robinson.
Barbarea vulgaris, R. Br.
*Hesperis matronalis, L.
Sisymbrium officinale, (L.) Scop.
altissimum, L.
Brassica (or Sinapis) arvensis, (L.) Ktze.
alba, (L.) Boiss.
nigra, (L.) Koch.
campestris, L.
oleracea, L.
juncea, (L.) Cosson.
Rapa, L.
Capsella Bursa-pastoris, (L.) Medic.
Thlaspi arvense, L.
Lepidium virginicum, L.
apetalum, Willd.
ruderale, L.
campestre, (L.) R. Br.
sativum, L.
Cakile edentula, (Big.) Hook.
Raphanus Raphanistrum, L.
sativus, L.
*Lunaria rediviva, L.

Cistaceæ.

Helianthemum canadense, Michx.
Hudsonia ericoides, L.
tomentosa, Nutt.
Lechea villosa, Ell.
minor, L.
intermedia, Leggett.
maritima, Leggett.

Violaceæ.

Viola pedata, L. var. lineariloba, D C.
cucullata, Ait.
pallens, (Banks.) Brainerd.
*odorata, L.
blanda, Willd.
primulifolia, L.
lanceolata, L.
rotundifolia, Michx.
*tricolor, L.
papilionacea, Pursh.
sororia, Willd.
fimbriatula, Sm.
pubescens, Ait.
conspersa, Reichenb.

Caryophyllaceæ.

Dianthus Armeria, L.
Saponaria officinalis, L.
Vaccaria, L.
Silene latifolia, (Mill.) Britt. & Ren.
conica, L.
antirrhina, L.
noctiflora, L.
Lychnis dioica, L.
Agrostemma Githago, L.
Arenaria serpyllifolia, L.
lateriflora, L.
peploides, L.
Stellaria media, (L.) Cyrill.
longifolia, Muhl.
graminea, L.
Cerastium vulgatum, L.
arvense, L.
Sagina procumbens, L.
Spergularia rubra, (L.) J. & C. Presl.
marina, (L.) Griseb.
Spergula arvensis, L.

Portulacaceæ.

Portulaca oleracea, L.
Claytonia virginica, L.

Elatinaceæ.

Elatine americana, (Pursh.) Arn.

Hypericaceæ.

Hypericum perforatum, L.
punctatum, Lam.
mutilum, L.
canadense, L.
gentianoides, (L.) B. S. P.
boreale, (Britton) Bicknell.
virginicum, L.

Malvaceæ.

Malva rotundifolia, L.
moschata, L.
sylvestris, L.
crispa, L.
Abutilon Theophrasti, Medic.
Hibiscus Moscheutos, L.
Trionum, L.

Linaceæ.

Linum virginianum, L.
striatum, Walt.
usitatissimum, L.
medium, (Planch.) Britt.

Geraniaceæ.

Geranium maculatum, L.
pusillum, Burm. f.
carolinianum, L.

Oxalidaceæ.

Oxalis corniculata, L.
stricta, L.
repens, Thunb.

Balsaminaceæ.

Impatiens biflora, Walt.

Aquifoliaceæ.

Ilex opaca, Ait.
forma xanthocarpa, Rehder.
verticillata, (L.) Gray.
lævigata, (Pursh.) Gray.
forma Herveyi, Robinson.
glabra, (L.) Gray.
Nemopanthus mucronata, (L.) Trel.

Celastraceæ.

*Celastrus scandens, L.

Rhamnaceæ.

Rhamnus alnifolia, L'Her.
*cathartica, L.
Ceanothus americanus, L.

Vitaceæ.

Vitis Labrusca, L.
vulpina, L.
Psedera quinquefolia, (L.) Greene.

Aceraceæ.

Acer rubrum, L.
saccharum, Marsh.

Anacardiaceæ.

Rhus typhina, L.
glabra, L.
copallina, L.
Vernix, L.
Toxicodendron, L.
var. radicans, (L.) Torr.

Polygalaceæ.

Polygala polygama, Walt.
sanguinea, L.
cruciata, L.
verticillata, L.

Simarubaceæ.

Ailanthus glandulosa, Desf.

Leguminosæ.

Baptisia tinctoria, (L.) R. Br.
*Cytisus scoparius, (L.) Link.
Lupinus perennis, L.
Trifolium arvense, L.
pratense, L.
repens, L.
hybridum, L.
agrarium, L.
procumbens, L.
dubium, Sibth.
Melilotus officinalis, (L.) Lam.
alba, Desr.
Medicago sativa, L.
lupulina, L.
arabica, Huds.
Tephrosia virginiana, (L.) Pers.
Robinia Pseudo-Acacia, L.
*Coronilla varia, L.
Desmodium nudiflorum, (L.) D C.
grandiflorum, (Walt.) D C.
rotundifolium, (Michx.) D C.
paniculatum, (L.) D C.
canadense, (L.) D C.
rigidum, (Ell.) D C.
marilandicum, (L.) D C.
obtusum, (Muhl.) D C.
Lespedeza procumbens, Michx.
violaceæ, (L.) Pers.
virginica, (L.) Britton.
Stuvei, Nutt.
hirta, (L.) Hornem.
capitata, Michx.
angustifolia, (Pursh.) Ell.
Vicia sativa, L.
angustifolia, (L.) Reichard.
tetrasperma, (L.) Moench.
Cracca, L.
Lathyrus maritimus, (L.) Bigelow.
palustris, L.
var. myrtifolius, (Muhl.) Gray.
Apios tuberosa, Moench.
Strophostyles helvola, (L.) Britton.
Amphicarpa monica, (L.) Ell.
Cassia marilandica, L.
Chamæcrista, L.
nictitans, L.
*Genista tinctoria, L.

Rosaceæ.

Rubus alleghenienis, Porter.
frondosus, Bigel.
pergratus, Blanchard.
recurvans, Blanchard.
Randii, (Bailey) Rydb.
Andrewsianus, Blanchard.
floricomus, Blanchard.
occidentalis, L.
idæus var. aculeatissmus (C. A. Mey.) Reg. and Gil.
villosus, Ait.
var. humifusus, T. & G.
hispidus, L.
trifolius, Richard.
*Aruncus sylvester, Kostzy.
*Sorbaria sorbifolia (L) A. Br.
Prunus maritima, Wang.
pennsylvancia, L. f.
serotina, Ehrh.
Cerasus, L.
Avium, L.
Persica, (L.) Stokes.
Spiræa, latifolia, Borkh.
tomentosa, L.
Geum, canadense, Jacq.
virginianum, L.
strictum, Ait.

Rosaceæ.

Fragaria virginiana, Duchesne.
var. Illinoensis, Prince Gray.
Potentilla Norvegica, (L.) Rydb.
monspeliensis, L.
argentea, L.
Anserina, L.
canadensis, L.
var. simplex (Michx) T. & G.
Agrimonia gryposepala, Wallr.
Rosa carolina, L.
virginiana, Mill.
humilis, Marsh.
nitida, Willd.
rubiginosa, L.
Pyrus arbutifolia, (L) L. f.
melanocarpa, (Michx) Willd.
Malus, L.
communis, L.
Cratægus Oxyacantha, L.
rotundifolia, Moench.
Crus-galli, L.
conjuncta, Sarg.
acutiloba, Sarg.
matura, Sarg.
glaucophylla, Sarg.
dilatata, Sarg.
intricata, Sarg.
pruinosa, (Wendl.) C. Koch.
ferentana, Sarg.
————?
Amelanchier oblongifolia, T. & G. Roem.

Saxifragaceæ.

Saxifraga virginiensis, Michx.
pennsylvanica, L.
Chrysosplenium americanum, Schwein.

Saxifragaceæ.

Ribes oxyacanthoides, L.
*floridum, L'Her.
vulgare, Lam.
triste, Pall.

Dipsacaceæ.

Succisa australis (Wulf.) Reich.

Crassulaceæ.

Penthorum sedoides, L.
Sedum acre, L.
purpureum, Tausch.

Droseraceæ.

Drosera rotundifolia, L.
longifolia, L.
filiformis, Raf.

Hamamelidaceæ.

Hamamelis virginiana, L.

Haloragidaceæ.

Myriophyllum scabratum, Michx.
humile, (Raf.) Moroug.
forma capillaceum, (Tor.) Fer.
tenellum, Bigelow.
Proserpinaca palustris, L.
pectinacea, Lam.

Callitrichaceæ.

Callitriche heterophylla, Pursh.
palustris, L.

Melastomaceæ.

Rhexia virginica, L.

Lythraceæ.

Lythrum Salicaria, L.
Decondon verticillatus, Ell.
Cuphea petiolata, (L.) Koehne.

Onagraceæ.

Ludvigia alternifolia, L.
palustris, (L.) Ell.
Epilobium angustifolium, L.
hirsutum, L.
densum, Raf.
coloratum, Muhl.
adenocaulon, Haussk.
Oenothera biennis, L.
pumila, L.
Oakesiana, Robbins.
Circæa Lutetiana, L.
alpina, L.

Cucurbitaceæ.

Sicyos angulatus, L.
Echinocystis lobata, (Michx.) T. & G.

Aizoaceæ.

Mollugo verticillata, L.

Umbelliferæ.

*Aegopodium Podagraria, L.
Daucus Carota, L.
Heracleum lanatum, Michx.
sphondylium, L.
Pastinaca sativa, L.
Ligusticum scoticum, L.
Sium cicutæfolium, Schrank.
Cryptotænia canadensis, (L.) DC.
Berula erecta (Huds) Coville.
Zizia aurea, Koch.
*Carum Carvi, L.
Cicuta maculata, L.
bulbifera, L.
Ptilimnium capillaceum, Michx.
Conium maculatum, L.
Osmorrhiza longistylis, (Torr.) DC.
Hydrocotyle umbellata, L.
verticillata, Thunb.

Umbelliferæ.

Hydrocotyle americana, L.
Sanicula marylandica, L.
canadensis, L.
*Foeniculum vulgare, Hill.
*Coriandrum sativum, L.

Araliaceæ.

Aralia racemosa, L.
hispida, Vent.
nudicaulis, L.
Panax trifolium, L.

Cornaceæ.

Cornus canadensis, L.
florida, L.
Amomum, Mill.
alternifolia, L. f.
Nyssa sylvatica, Marsh.

Caprifoliaceæ.

Sambucus canadensis, L.
Viburnum dentatum, L.
venosum, Britton.
cassinoides, L.
Lentago, L.
Linnæa borealis, L. var. americana, (Forbes) Rehder.
Symphoricarpos orbiculatus, Moench.
Triosetum perfoliatum, L.

Rubiaceæ.

Houstonia cærulea, L.
Cephalanthus occidentalis, L.
Mitchella repens, L.
Galium Aparine, L.
pilosum, Ait.
Claytoni, Michx.
asprellum, Michx.
triflorum, Michx.

Rubiaceæ.

Galium verum, L.
boreale, L.
erectum, Huds.

Compositæ.

Vernonia noveboracensis, Willd.
Mikania scandens, (L) Willd.
Eupatorium purpureum, L.
hyssopifolium, L.
verbenæfolium, Michx.
rotundifolium, L.
perfoliatum, L.
urticæfolium, Richard.
aromaticum, L.
Liatris scariosa, Willd.
Chrysopsis falcata, (Pursh.) Ell.
Solidago cæsia, L.
bicolor, L.
sempervirens, L.
puberula, Nutt.
speciosa, Nutt.
odora, Ait.
rugosa, Mill.
aspera, Ait.
ulmifolia, Muhl.
Elliottii, T. & G.
neglecta, T. & G.
juncea, Ait.
serotina, Ait.
var. gigantea, Gray.
nemoralis, Ait.
graminifolia, (L.) Salisb.
tenuifolia, Pursh.
Sericocarpus asteroides, (L.) B. S. P.
linifolius, (L.) B. S. P.
Aster divaricatus, L.
macrophyllus, L.
Aster Herveyi, Gray.
spectabilis, Ait.
radula, Ait.
novæ-angliæ, L.
patens, Ait.
undulatus, L.
lævis, L.
multiflorus, Ait.
dumosus, L.
vimineus, Lam.
lateriflorus, (L.) Britton.
Tradescanti, L.
paniculatus, Lam.
novi-belgii, L.
var. lævigatus, (Lam.) Gray.
var. litoreus, (Lam.) Gray.
tardiflorus, L.
puniceus, L. var. lævicaulis, Gray.
umbellatus, Mill.
linariifolius, L.
acuminatus, Michx.
tenuifolius, L.
subulatus, Michx.
ericoides, L.
Erigeron canadensis, L.
annuus, (L.) Pers.
ramosus, (Walt.) B. S. P.
var. discoideus, (Rob.) B. S. P.
pulchellus, Michx.
philadelphicus, L.
Baccharis halimifolia, L.
Pluchea camphorata, (L.) D C.
Antennaria plantaginifolia, (L.) Richards.
canadensis, Greene.
fallax, Greene.

Compositæ.

Antennaria Parlinii, Fernald.
neodioica, Greene.
neglecta, Greene.
Anaphalis margaritacea, (L.) Bent. & Hook.
Gnaphalium polycephalum, Michx.
uliginosum, L.
purpureum, L.
Inula Helenium, L.
Iva oraria, Bartlett.
Ambrosia artemisiifolia, L.
trifida, L.
Xanthium strumarium, L.
canadense, Mill.
echinatum, Merr.
Rudbeckia laciniata, L.
hirta, L.
Helianthus annuus, L.
decapetalus, L.
divaricatus, L.
strumosus, L.
tuberosus, L.
tracheliifolius, Mill.
mollis, Lam.
Coreopsis tinctoria, Nutt.
rosea, Nutt.
Bidens frondosa, L.
connata, Muhl.
cernua, L.
lævis, (L.) B. S. P.
trichosperma, (Michx.) Brit.
Galinsoga parviflora, Cav.
Anthemis Cotula, D C.
arvensis, L.
*nobilis, L.
Achillea Millefolium, L.
Chrysanthemum leucanthemum, L. var. pinnatifidum, Lec. & Lam.
*Parthenium, Pers.
Tanacetum vulgare, L.
var. crispum, D C.
Artemisia caudata, Michx.
vulgaris, L.
biennis, Willd.
Absinthium, L.
*Abrotinum, L.
*procera, L.
Stelleriana, Bess.
annua, L.
Tussilago Farfara, L.
Senecio vulgaris, L.
aureus, L.
Erechtites hieracifolia, (L.) Raf.
Arctium Lappa, L.
minus, Bernh.
Cirsium lanceolatum, (L.) Hill.
spinosissimum, (Walt.) Scop.
discolor, (Muhl.) Spreng.
muticum, Michx.
pumilum, (Nutt.) Spreng.
arvense, (L.) Scop.
Onopordum Acanthium, L.
*Centaurea Cyanus, L.
Jacea, L.
nigra, L.
vochinensis, Bernh.
Krigia virginica, (L.) Willd.
Cichorium Intybus, L.
Leontodon autumalis, L.
Hieracium aurantiacum, L.
canadense, Michx.
venosum, L.
scabrum, Michx.
Gronovii, L.

Compositæ.

Prenanthes trifoliolata, (Cas.) Fernald.
serpentaria, Pursh.
Taraxacum officinale, Weber.
var. palustre, (Sm.) Blytt.
erythrospermum, Andrz.
Lactuca canadensis, L.
spicata, (Lam.) Hitchc.
integrifolia, Bigel.
hirsuta, Muhl.
*sativa, L.
scariola, L.
Sonchus oleraceus, L.
asper, Vill.
arvensis, L.
Eclipta alba, (L.) Hassk.
Matricaria suaveolens, (Pursh.) Buche.
Hypochaeris radicata, L.

Lobeliaceæ.

Lobelia cardinalis, L.
spicata, Lam.
inflata, L.
Dortmanna, L.

Campanulaceæ.

Specularia perfoliata, (L.) A. D C.
Campanula rapunculoides, L.
aparanoides, Pursh.

Ericaceæ.

Gaylussacia dumosa, (Andr.) T. & G.
frondosa, (L.) T. & G.
baccata, (Wang.) C. Koch.
forma leucocarpa, (Porter) Fernald.

Ericaceæ.

Vaccinium pennsylvanicum, Lam.
vacillans, Kalm.
corymbosum, L.
atrococcum, (Gray) Heller.
macrocarpon, Ait.
Chiogenes hispidula, (L.) T. & G.
Arctostaphylos Uva-ursi, (L.) Spreng.
Epigæa repens, L.
Gaultheria procumbens, L.
Lyonia ligustrina, (L.) D C.
Leucothoë racemosa, Gray.
Chamædaphne calyculata, (L.) Moench.
Kalmia latifolia, L.
angustifolia, L.
Rhododendron viscosum, (L.) Torr.
var. glaucum, (Michx.) Gray.
var. nitidum, (Pursh.) Gray.
nudiflorum, (L.) Torr.
canadense, (L.) B. S. P.
Clethra alnifolia, L.
Chimaphila umbellata, (L.) Nutt.
maculata, (L.) Pursh.
Pyrola elliptica, Nutt.
americana, Sweet.
secunda, L.
Monotropa uniflora, L.
Hypopitys, L.

Plumbaginaceæ.

Limonium carolinianum, (Walt.) Britton.

Primulaceæ.

Hottonia inflata, Ell.
Trientalis americana, (Pers.) Pursh.
Steironema lanceolatum, (Walt.) Gray.

Primulaceæ.

Lysimachia quadrifolia, L.
terrestris, (L.) B. S. P.
Nummularia, L.
vulgaris, L.

Anagallis arvensis, L.

Oleaceæ.

Fraxinus americana, L.
pennsylvanica, Marsh.

Syringa vulgaris, L.

Apocynaceæ.

Apocynum androsæmifolium, L.
cannabinum, L.

Vinca minor, L.

Asclepiadaceæ.

Asclepias tuberosa, L.
purpurascens, L.
incarnata, L. var pulchra, (Ehrh.) Pers.
syriaca, L.
amplexicaulis, Sm.
phytolaccoides, Pursh.
verticillata, L.

Cynanchum nigrum, (L.) Pers.

Gentianaceæ.

Sabatia dodecandra, (L.) B. S. P.
stellaris, Pursh.

Gentiana crinita, Frœl.
Andrewsii, Griseb.

Bartonia virginica, (L.) B. S. P.

Nymphoides, lacunosum, (Vent.) Fernald.

Menyanthes trifoliata, L.

Polemoniaceæ.

Phlox paniculata, L.
*subulata, L.

Boraginaceæ.

Asperugo procumbens, L.
*Myosotis scorpioides, L.
laxa, Lehm.
virginica, (L.) B. S. P.
Onosmodium virginianum, D C.
Symphytum officinale, L.
Echium vulgare, L.
Lithospermum arvense, L.

Convolvulaceæ.

Ipomœa purpurea, (L.) Roth.
Convolvulus sepium, L.
var. pubescens, (Gray) Fernald.
arvensis, L.
var. obtusifolius, Choisy.
Cuscuta Gronovii, Willd.
compacta, Juss.

Solanaceæ.

Solanum Dulcamara, L.
nigrum, L.
tuberosum, Willd.
*rostratum, Dunal.
*Lycopersicon esculenteum, Willd.
*Physalis pruinosa, L.
Nicandra Physaloides, (L.) Pers.
Lycium halimifolia, Mill.
Datura Stramonium, L.
Tatula, L.

Scrophulariaceæ.

Verbascum Thapsus, L.
Blattaria, L.
Lychnitis, L.
phlomoides, L.
Linaria canadensis, (L.) Dumont.
vulgaris, Hill.
Scrophularia marilandica, L.
Chelone glabra, L.

Scrophulariaceæ.

Pentstemon hirsutus, (L.) Willd.
    lœvigatus, Ait.
Mimulus ringens, L.
Limosella aquatica, var. tenuifolia, (Wolf.) Pers.
Gratiola virginiana, L.
    aurea, Muhl.
Ilysanthes anagallidea, (Michx.) Robinson.
Veronica Anagallis-aquatica, L.
    scutellata, L.
    officinalis, L.
    serpyllifolia, L.
    peregrina, L.
    arvensis, L.
    Teucrium, L.
Gerardia pedicularia, L.
    flava, L.
    virginica, (L.) B. S. P.
    paupercula, (Gray) Britton.
    maritima, Raf.
    tenuifolia, Vahl.
Castilleja coccinea, (L.) Spreng.
Schwalbea americana, L.
Pedicularis canadensis, L.
Melampyrum lineare, Lam.
Rhinanthus Crista-galli, L.

Orobanchaceæ.

Epifagus virginiana, (L.) Bart.
Orobanche uniflora, L.

Lentibulariaceæ.

Utricularia inflata, Walt.
    clandestina, Nutt.
    vulgaris, L. var americana, Gray.
    purpurea, Walt.
    resupinata, B. D. Greene.
    cornuta, Michx.

Verbenaceæ.

Verbena urticæfolia, L.
    hastata, L.
    stricta, Vent.

Labiatæ.

Trichostema dichotomum, L.
Teucrium canadense, L.
Mentha spicata, L.
    piperita, L.
    aquatica, L.
    gentilis, L.
        var. variegata.
    arvensis, L. var. canadensis, (L.) Briq.
Lycopus virginicus, L.
    rubellus, Moench.
    sessilifolius, Gray.
    americanus, Muhl.
Pycnanthemum virginianum, (L.) Dur. & Jack.
    muticum, (Michx.) Pers.
    incanum, (L.) Michx.
    flexuosum, (Walt.) B. S. P.
Hedeoma pulegioides, (L.) Pers.
Monarda didyma, L.
    fistulosa, L.
Nepeta Cataria, L.
    hederacea, (L.) Trevisan.
Scutellaria lateriflora, L.
    galericulata, L.
    integrifolia, L.
Prunella vulgaris, L.
Physostegia virginiana, Benth.
*Marrubium vulgare, L.
Thymus Serpyllum, L.
Ballota nigra, L.
Leonurus Cardaca, L.
Lamium amplexicaule, L.

Labiatæ.

Stachys tenuifolia, Willd.
var. aspera, (Michx.) Fernald.
hyssopifolia, Michx.
arvensis, L.

Plantaginaceæ.

Plantago major, L.
Rugelii, Decaisne.
lanceolata, L.
decipiens, Barn'd.
aristata, Michx.

Illecebraceæ.

Scleranthus annuus, L.

Amaranthaceæ.

Amaranthus retroflexus, L.
graecizans, L.
Blitoides, Walt.

Chenopodiaceæ.

Chenopodium album, L.
murale, L.
leptophyllum, Nutt.
hybridum, L.
Botrys, L.
ambrosioides, L.
var. anthelminticum, Gray.
rubrum, L.
Atriplex patula, L.
var. littoralis, (L.) Gray.
arenaria, Nutt.
Salicornia mucronata, Bigel.
europaea, L.
ambigua, Michx.
Suæda linearis, (Ell.) Moq.
Salsola Kali, L.

Phytolaccaceæ.

Phytolacca decandra, L.

Piperaceæ.

Saururus cernuus, L.

Nyctaginaceæ.

Oxybaphus nyctagineus, (Michx.) Sweet.

Polygonaceæ.

Rumex verticillatus, L.
crispus, L.
obtusifolius, L.
Acetosella, L.
Polygonum maritimum, L.
aviculare, L.
erectum, L.
prolificum, (Small) Robinson.
tenue, Michx.
lapathifolium, L.
pennsylvanicum, L.
Muhlenbergii, (Meisn.) Watson.
Careyi, Olney.
orientale, L.
Persicaria, L.
hydropiperoides, Michx.
Hydropiper, L.
acre, H. B. K.
var. leptostachyum, Meisn.
arifolium, L.
sagittatum, L.
Convolvulous, L.
dumetorium, L.
scandens, L.
virginianum, L.
cuspidatum, Sieb. & Zucc.
Fagopyrum esculentum, Moench.
Polygonella articulata, (L.) Meisn.

Lauraceæ.

Sassafras variifolium, (Salib.) Ktse.
Benzoin aestivale, (L.) Nees.

Santalaceæ.

Comandra umbellata, Nutt.

Euphorbiaceæ.

Euphorbia polygonifolia, L.
maculata, L.
*marginata, Pursh.
Cyparissias, L.
Peplus, L.
Acalypha virginica, L.

Urticaceæ.

Ulmus americana, L.
fulva, Michx.
Cannabis sativa, L.
Humulus Lupulus, L.
*Japonicus, S. & Z.
Urtica gracilis, Ait.
Urens, L.
Pilea pumila, Gray.
Bœhmeria cylindrica, Willd.

Platanaceæ.

Platanus occidentalis, L.

Juglandaceæ.

Juglans cinera, L.
nigra, L.
Carya ovata, (Mill.) K. Koch.
alba, (L.) K. Koch.
glabra, (Mill.) Spach.
cordiformis, (Wang.) K. Koch.

Myricaceæ.

Myrica Gale, L.
carolinensis, Mill.
asplenifolia, Endl.

Betulaceæ.

Betula lenta, L.
lutea, Michx. f.
populifolia, Ait.
Alnus incana, (L.) Moench.
rugosa, (Du Roi.) Spreng.
Corylus americana, Walt.
rostrata, Ait.
Ostrya virginiana, (Mill.) K. Koch.
Carpinus caroliniana, Walter.

Fagaceæ.

Quercus alba, L.
stellata, Wang.
bicolor, Willd.
prinoides, Willd.
coccinea, Moench.
velutina, Lam.
palustris, Du R.
prinus, L.
rubra, L.
ilicifolia, Wang.
Castanea dentata, (Marsh.) Borkh.
Fagus grandifolia, Ehrh.

Salicaceæ.

Salix nigra, Marsh.
pentandra, L.
alba, L.
var. vitellina, (L.) Koch.
Babylonica, L.
rostrata, Richardson.
discolor, Muhl.
humilis, Marsh.
tristis, Ait.
sericea, Marsh.
petiolaris, Smith.
cordata, Muhl.

Salicaceæ.

Populus alba, L.
tremuloides, Michx.
grandidentata, Michx.
candicans, Ait.
nigra, var italica, Du Roi.

Ceratophyllaceæ.

Ceratophyllum demersum, L.

Bryophytes

Musci (Mosses.)

Sphagnum cymbifolium, Dill.
compactum, Brid.
contortum, Schultz.
cyclophyllum, S. and Lesq.
acutifolium, Ehrh.
cuspidatum, Ehrh.
Andræa rupestris, Turner.
Phascum crassinervium, Schwægr.
muticum, Schreb.
alternifolium, Brid.
subulatum, Schreb.
Sullivantii, Schimp.
triquetrum, Schimp.
Bruchia flexuosa, Schwægr.
Weisia viridula, Brid.
Campylostelium saxicola, Br. & Sch.
Trematodon ambiguus, Brid.
Dicranum virens, Hedw. ——, var. Wahlenbergii, Br. Eur.
rufescens, Turner.
heteromallum, Hedw.
montanum, Hedw.
flagellare, Hedw.
interruptum, Br. & Sch.
scoparium, L.
spurium, var. compactum. Hedw.
undulatum, Turner.
Drummondii, Mull.
Ceratodon purpureus, Brid.
Leucobryum glaucum, Hampe.
minus, Hampe.
Fissidens minutulus, Sulliv.
osmundioides, Hedw.
subbasilaris, Hedw.
adiantoides, Hedw.
Trichostomum tortile, Schrad.
vaginans, Sulliv.
pallidum, Hedw.
glaucescens, Hedw.
Barbula unguiculata, Hedw.
cæspitoa, Schwægr.
papillosa, Wils.
Pottia truncata, Br. & Sch.
Tetraphis pellucida, Hedw.
Drummondia clavellata, Hook.
Orthotrichum obtusifolium, Schrad.
strangulatum, Beauv.
canadense, Br. & Sch.
Ludwigii, Schwægr.
Hutchinsiæ, Smith.
crispulm, Hornsch.
Ptychomitrium incurvum, Schwægr.
Schistidium apocarpum, Br. & Sch.
Grimmia leucophæa, Grev.
Olneyi, Sulliv.
pennsylvanica, Schwægr.
Racomitrium aciculare, Brid.
Hedwigia ciliata, Ehrh.
Buxbaumia aphylla, Haller.

Musci (Mosses.)

Diphyscium foliosum, Web. & Mohr.
Atrichum undulatum, Beauv.
angustatum, Beauv.
crispum, T. P. James.
Pogonatum brevicaule, Brid.
Polytrichium commune, Linn.
formosum, Hedw.
juniperinum, Hedw.
piliferum, Schreb.
Aulacomnion heterostichum, Br. & Sch.
palustre, Schwægr.
androgynum, Schwægr.
Bryum pyriforme, Hedw.
annotinum, Hedw.
nutans, Schreb.
roseum, Schreb.
argenteum, Linn.
pseudo-triquetrum, Schwægr.
intermedium, Brid.
capillare, Hedw.
cæspiticum, L.
atropurpureum, Web. & Mohr.
Mnium affine, Bland.
hornum, Hedw.
stellare, Hedw.
cinclidioides, Hüb.
punctatum, Hedw.
cuspidatum, Hedw.
Bartramia pomiformis, Hedw.
fontana, Brid.
Funaria hygrometrica, Hedw.
Physcomitrium pyriforme, Br. & Sch.
Aphanorhegma serrata, Sulliv.
Tetraplodon australis, Sulliv. & Lesq.
Fontinalis antipyretica, L. var. gigantea.
Lescurii, Suliv.
Dalecarlica Bryol, Eur.
Dichelyma capillaceum, Br. & Eur.
pallescens, Br. & Eur.
Leucodon julaceus, Sulliv.
Leptodon trichomitrion, Mohr.
Anomodon attenuatus, Hub.
tristis, Cesati.
Leskea rostrata, Hedw.
Thelia hirtella, (Hedw.) Sulliv.
asprella, (Schimp.) Sulliv.
Pylaisæa intricata, Br. Eur.
Homalothecium subcapillatum, Br. Eur.
Platygyrium repens, Br. Eur.
Cylindrothecium cladorrhizans, Br. Eur.
seductrix, Br. Eur.
Neckera pennata, Hedw.
Climacium americanum, Brid.
Hypnum tamariscinum, Hedw.
delicatulum, L.
minutulum, Hedw.
scitum, Beauv.
paludosum, Sulliv.
squarrosum, L.
triquetrum, L.
brevirostre, Ehrh.
splendens, Hedw.
Boseii, Schwæger.
serrulatum, Hedw.
rusciforme, Weis.
recurvans, Schwæger.
ochraceum, Turner.
cuspidatum, L.
Schreberi, Willd.

** Musci (Mosses.)*

Hypnum cordifolium, Hedw.
uncinatum, Hedw.
fluitans, L.
Crista-Castrensis, L.
molluscum, Hedw.
cupressiforme, L.
imponens, Hedw.
reptile, Michx.
curvifolium, Hedw.
Haldanianum, Grev.
salebrosum, Hoffm.
acuminatum, Beauv.
var. rupincolum.
rutabulum, L.
plumosum, L.
populeum, Hedw.
Novæ-Angliæ, Sulliv. & Lesq.
hispidulum, Brid.
adnatum, Hedw.
serpens, Hedw.
orthocladon, Beauv.
riparium, Hedw.
Lescurii, Sulliv.
denticulatum, L.
Muhlenbeckii, Br. Eur.
fulvum, Hook. & Wils.
elegans, Hook.

Hepaticæ.

Riccia Sullivanti, Aust.
Anthoceros lævis, L.
Notothylas valvata, Sulliv.
Marchantia polymorpha, L.
Fegatella conica, Corda.
Reboulia hemisphærica, Raddi.
Fimbriaria tenella, Nees.
Metzgeria furcata, Nees.
Aneura palmata, Nees.
Aneura multifida, Dumort.
Steetzia Lyellii, Lehm.
Pellia epiphylla, Nees.
Blasia pusilla, L.
Fossombronia pusilla, Nees.
Geocalyx graveolens, Nees.
Chiloscyphus polyanthos, Corda.
ascendens, Hook. & Wils.
Sphagnœcetis communis, Nees.
Jungermannia trichophylla, L.
setacea, Weber.
connivens, Dickson.
curvifolia, Dickson.
divaricata, Engl. Bot.
barbata, Schreber.
incisa, Schrader.
intermedia, Lindenberg.
Schraderi, Martius.
crenulata, Smith.
obtusifolia, Hook.
Scapania nemorosa, Nees.
Plagiochila asplenioides, Nees. & Mont.
Frullania Grayana, Montague.
Tamarisci, Nees.
virginica, Lehm.
Eboracensis, Lehm.
Lejeunia minutissima, Dumort.
calcarea, Libert.
Madotheca platyphylla, Dumort.
Radula complanata, Dumort.
Ptilidium ciliare, Nees.
Trichocolea Tomentella, Nees.
Mastigobryum trilobatum, Nees.
tridenticulatum, Lindenb.
Lepidozia reptans, Nees.
Calypogeia Trichomanis, Corda.

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*The names of these Mosses, pp. 116-118, are the same as given in the 1891 edition of my Flora of New Bedford, and follow the nomenclature of the Manual of Lesquereux and James.

Musci (Supplementary.)

Polytrichum Ohioense, R. & C.
gracile, Dicks.
strictum, Banks.
Fissidens bryoides, (L.) Hedw.
incurvus, var. minutulus, Austin.
Pleuridium subulatum, (L.) Rabenh.
Bruchia Sullivantii, Austin.
Ditrichum tortile, (Schreb.) Hampe.
pallidum, (Schreb.) Hampe.
vaginans, (Sulliv.) Hampe.
Dicranella heteromalla, (L.) Schimp.
rufescens, (Dicks.) Schimp.
varia, (Hedw.) Schimp.
Dicranum fuscescens, Turn.
fulvum, Hook.
Leucobryum albicans, (L.) Schimp.
Hedwigia albicans, (Web.) Lindb.
Grimmia apocarpa, (L.) Hedw.
var. rivularis, (Brid.) W. & M.
Rhacomitrium microcarpum, (Schard.) Brid.
Phascum cuspidatum, Schreb.
Barbula convoluta, Hedw.
Ulota crispa, Brid.
americana, (Beauv.) Lindb.
Orthotrichum Ohioense, S. & L.
anomalum, Hedw.
Physcomitrium turbinatum, (M.) Brid.
Philonotis fontana, (L.) Brid.
Rhodobryum roseum, (Weis.) Links.
Mnium ciliare, (Grev.) C. M.
Thuidium Alleni, Austin.
recognitum, (Hedw.) Lindb.
Leskea polycarpa, Ehrh.
nervosa (Schwægr.) Myrin.
Anomodon apiculatus, B. & S.
rostratus, (Hedw.) Schimp.
Pseudoleskea atrovirens, B. & S.
Brachythecium flavescens, (B. & S.) Grout.
reflexum, (Starkei.) B. & S.
cyrtophyllum, Kindb.
acuminatum, (Hedw.) Kindb.
oxycladon, (Brid.) J. & S.
flexicaule, R. & C.
digastrum, C. M. & Kindb.
campestre, B. & S.
rivulare, B. & S.
velutinum, (L.) B. & S.
Starkei, (Brid.) B. & S.
Bryhnia Novæ-Angliæ, (Sulliv. & Lesq.) Grout.
Eurhynchium hians, (Hedw.) J. & S.
strigosum, (Hoffm.) B. & S.
rusciforme, (Weck.) Milde.
Raphidostegium adnatum, (Mx.) B. & S.
carolinianum, (C. M.) J. & B.
Cirriphyllum Boscii, (Schwægr.) Grout.
piliferum, Schreb.
Camptothecium nitens, B. & S.
Climacium dendroides, (L.) Web. & Mohr.
Drepanocladus uncinatus, (Hedw.) Warnst.
fluitans, (Dill.) Warnst.
var. exannulatus, Guemb.

*** *Musci (Supplementary.)***

Amblystegium adnata, (Hedw.) Nichols.
varium, (Hedw.) Lindb.
irriguum, (Hook. & Wils.) B. & S.
adnatum, Hedw.
Plagiothecium striatellum, (Brid.) Lindb.
repens, (Brid.) B. & S.
denticulatum, (L.) B. & S.
Pylaisia, Schimperi, R. & C.
subdenticulata, Schimp.
Hygrohypnum achracium, (Turn.) Loeske.
Leucodon brachypus, Brid.
Dichelyma cylindricarpum, Aust.
Fontinalis Novæ-Angliæ, Sulliv.
maritima, C. Mull.
flaccida, Ren. & Card.
Sphagnum squarrosum, Pers.
Hypnum Patientiae, Lindb.

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*Mrs. B. J. Handy kindly furnished this supplementary list of Mosses, pp. 119-120, collected by her and Miss Louise H. Handy within a ten mile limit of Fall River, it being in addition to 77 species of the list, pp. 116-118, which they also found. It is probable that many of these Fall River Mosses could be found here.

Fungi.

Boletus chrysenteron, Fr.
subluteus, Pk.
granulatus, L.
elegans, Schum.
luteus, L.
mutabilis, Morg.
illudens, Pk.
edulis, Bull.
affinis, Pk.
scaber, Fr.
fulvus, Pk.
gracilis, Pk.
felleus, Bull.
pictus, Pk.
Strobilomyces strobilaceus, Berk.
Polyporus sulphureus, Fr.
betulinus, Fr.
frondosus, Fr.
squamosus, Fr.
fumosus.
versicolor.
Dædalea quercina.
Fomes igniarius.
Trametes gibbosa.
Fistulina hepatica, Fr.
Hydnum repandum, L.
scabrosum, Fr.
zonatum, Batsch.
coralloides, Scop.
caput-ursi, Fr.
caput-medusae, Bull.
Craterellus cornucopoides, Pers.
Sparassis crispa.
Clavaria flava, Schaeff.
aurea, Schaeff.
coralloides, Linn.

Fungi.

Clavaria cristata, Pers.
cinerea, Bull.
formosa, Pers.
fragilis.
fusiformis, Sow.
Peziza badia, Pers.
odorata, Pk.
repanda, Wahlenb.
coccinea, Jacq.
rufa, Schw.
Lycoperdon cyathiformis, Bose.
glabellum, Pk.
pyriforme, Schaeff.
giganteum, Batsch.
gemmatum, Batsch.
saccatum.
Seleroderma vulgare, Fr.
Catastoma circumscissum, B. & C.
Lycoperdon subincarnatum, Pk.
Curtisii, Berk.
Gomphidius viscidus, Fr.
Marasmius oreades, Fr.
urens, Fr.
peronatus, Fr.
Helotium citrinum, Fr.
Eutoloma clypeatum, L.
Panus strigosus, B. & C.
Spathularia clavata, Schaeff.
Geaster hygrometricus, Pers.
Phallus impudicus, Linn.
duplicatus, Bosc.
Mutinus Ravenlii, Fisch.
Amanita Phalloides.
muscaria, Linn.
Frostiana, Pk.
excelsa, Fr.
verna, Bull.
Amanitopsis. vaginata, Roze.
Lepiota cretacea, Pk.
naucinoides, Pk.
americana, Pk.
procera, Scop.
Armillaria mellea, Vahl.
Tricholoma rutilaus, Schaeff.
nudum, Bull.
personatum, Fr.
Clitocybe monadelpha, Morg.
multiceps, Pk.
Collybia radicata, Relh.
velutipes, Curt.
Pleurotus ostreatus, Jacq.
ulmarius, Bull.
petaloides, Bull.
Hygrophorus borealis, Pk.
fuliginieus, Frost.
marginatus, Pk.
pratensis, Fr.
miniatus, Fr.
Lactarius piperatus, Fr.
camphoratus, Fr.
deliciosus, Fr.
pallidus, Fr.
volemus, Fr.
Russula emetica, Fr.
flavida, Pk.
atropurpurea, Pk.
cyanoxantha, Fr.
sordida, Pk.
purpurina, Schulz.
virescens.
roseipes, Bres.
olivacea, Fr.
rubra, Fr.
Cantharellus infundibuliformis, Fr.
cibarius, Fr.

Fungi.

Cantharellus brevipes, Pk.
Lentinus cochleatus, Fr.
Panaeolus subbalteatus, Berky.
campanulatus, L.
Naucoria semiorbicularis, Bull.
Geoglossum hirsutum, Pers.
Xylaria corniformis, Fr.
Geoglossum Farlowii, Cooke.
Leotia lubrica, Pers.
Paxillus atrotomentosus, Fr.
Claudopus variabilis.
nidulaus, Pers.
Pholiota squarrosa, Mull.
Cortinarius violaceus, Fr.
cinnamomeus, var. semi-sanguineus, Fr.
lilacinus, Pk.
corrugatus, Pk.
intrusus, Pk.
Agaricus campester, Linn.
Rodmani, Pk.
arvensis, Schaeff.
cretaceus, Fr.
variabilis, Pk.
Hypholoma perplexum, Pk.
Candolleanum, Fr.
incertum, Pk.
Coprinus comatus, Fr.
atramentarius, (Fr.) Bull.
fimetarius, Fr.
tomentosus, Bull.
Boletinus porosus, (Berk.) Pk.

Algæ

Characeæ.

Chara-flexilis, etc.

ADDITION—CORRECTION.

Add pages 73 and 99, *Habenaria macrophylla, Goldie.* Mixed woods N. of Nye's Lane. Rare.

The name *Cirsium spinosissimum* in Gray's Manual, 7th Ed., p. 857, having been found to be an error, as it should have been *C. horridulum, Michx,* therefore *C. spinosissimum,* pages 32 and 110 of this Flora, should read *Cirsium horridulum, Michx.*

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